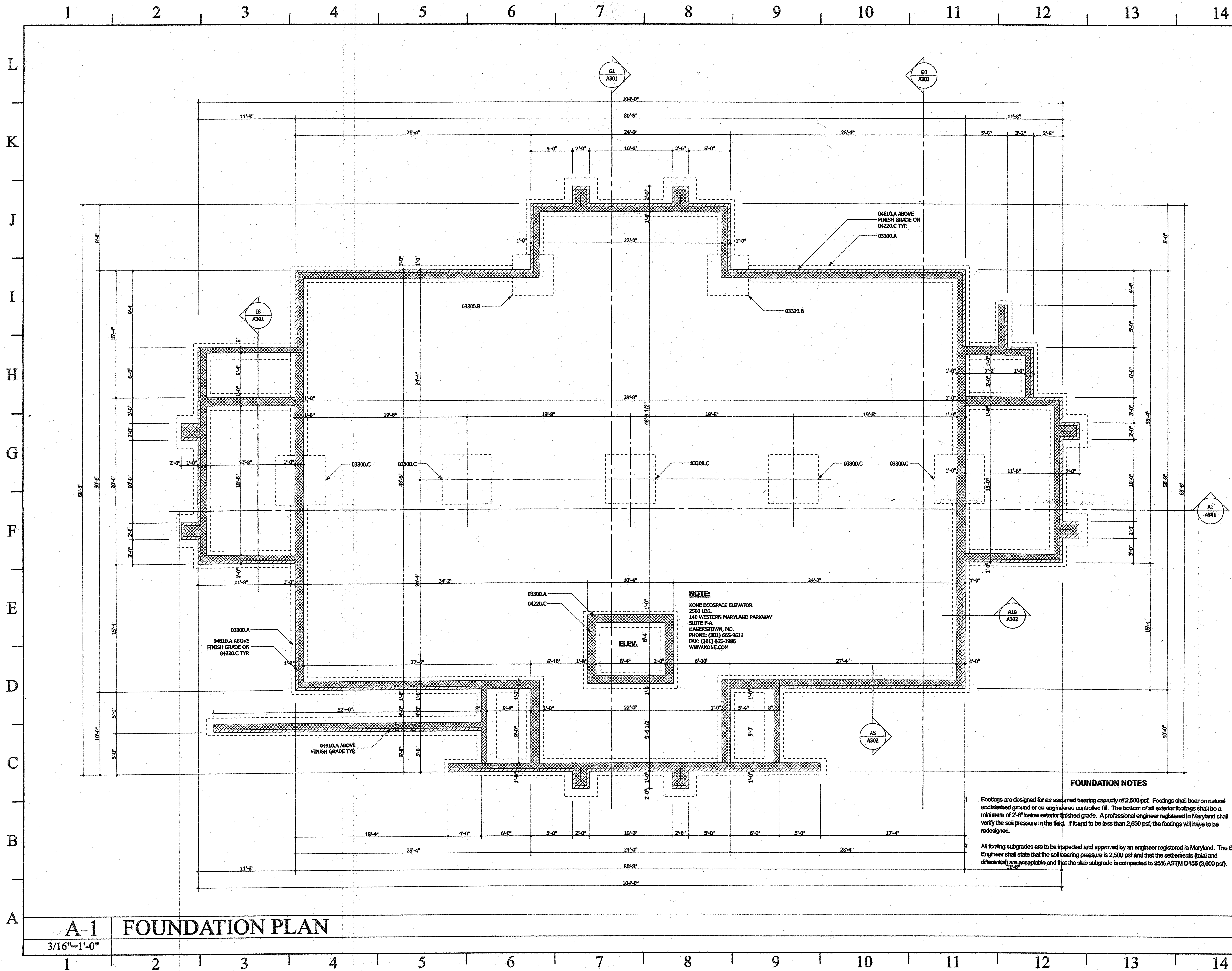
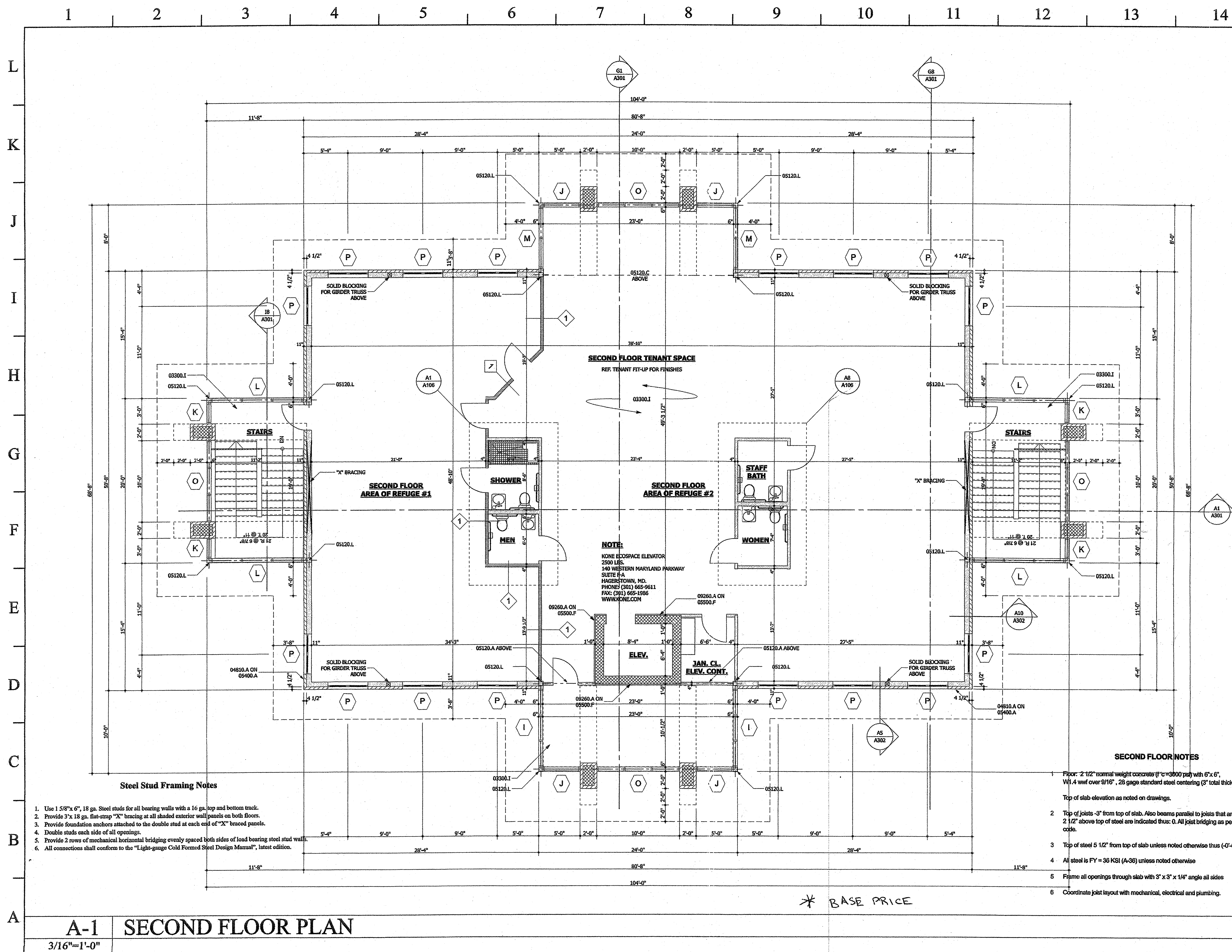




MATERIALS KEYNOTES	
DIVISION 3	CONCRETE
03300.A	12" x 24" Continuous conc. Flg. w/ 3 #4 rebar.
03300.B	60" x 60" x 12" Conc. Flg. w/ 5 #5 rebar each way.
03300.C	72" x 72" x 12" concrete footing w/ 6 #5 rebar each way.
03300.D	4" conc. Slab w/ 6 #5 16/10 w/m on 4" gravel base.
03300.I	2 1/2" Normal weight concrete on 0.625" Vulcraft. Conform steel deck W160 W14 x W14 steel reinforcing, total thickness = 3".
03300.K	12" fiber expansion joint.
03300.L	Cast-in-place reinforced concrete steps.
DIVISION 4	MASONRY
04080.A	#5 Steel rebar @ 48" O.C., grouted solid.
04220.A	Fabric flashing with weeps @ 32" O.C.
04220.B	4" CMU horizontal steel reinforcing every other course.
04220.C	8" CMU horizontal steel reinforcing every other course.
04220.D	12" CMU horizontal steel reinforcing every other course.
04810.A	4" brick veneer.
04810.E	4" x 6" x 24" PRARStone Groundface, Buff w/hammered bottom.
04810.F	4" x 6" x 24" PRARStone Groundface, Buff w/hammered top.
04810.G	4" x 6" x 24" PRARStone Groundface, Buff w/hammered top & bottom.
04810.H	16" x 8" x 24" PRARStone Groundface, Buff.
04820.A	4" x 8" Reinforced concrete lintel.
DIVISION 5	STEEL
05120.A	W8 x 31 Steel beam.
05120.B	W12 x 45 Steel beam.
05120.C	W16 x 50 Steel beam.
05120.D	24" I-beam steel beam.
05120.E	10" "C" Channel.
05120.G	10" "C" Channel header.
05120.H	2" Dia. Steel column.
05120.K	8 x 8.5 "C" Channel.
05120.L	8" x 6" x 3/8" Square steel tube column.
05120.M	10" x 10" x 3/8" Base plate w/ welded 6" x 6" tube column.
05210.A	14K4 Steel joist @ 24" O.C.
05210.B	6" metal studs @ 16" O.C. w/ 1/2" wood sheathing & house wrap.
05410.A	4" x 6" x 3/8" Steel angle.
05500.A	4" x 6" x 3/8" Steel angle.
05500.B	3" x 6" x 3/8" Steel angle.
05500.C	6" x 6" x 3/8" Steel angle.
05500.D	7" Channel.
05500.F	1 1/2" Hat channel.
05610.A	Conc tiled metal pan stairs.
DIVISION 6	WOOD AND PLASTICS
06060.A	1/2" DIA. Anchor bolts @ 48" O.C.
06060.C	Steel joist hanger.
06060.E	Steel roof truss hanger.
06060.F	Steel roof truss hurricane strap.
06071.A	2 x 4 P.T.
06071.B	2 x 6 P.T.
06072.C	5/8" plywood sheathing.
06100.A	2 x 6
06100.B	2 x 8 Roof rafters @ 24" O.C.
06100.S	2 x 8 Clad fascia board.
06173.A	Pre-engineered roof trusses @ 24" o.c.
06173.B	Pre-engineered mono trusses @ 24" O.C.
06173.C	Pre-engineered girder truss.
06173.D	Pre-engineered girder hip truss.
06181.A	21 x 34" x 11 7/8" LVL beam.
06181.B	1 3/4" x 9 1/4" LVL beam.
06181.C	2 - 3/4" x 11 7/8" LVL beam.
06200.A	1 x 4 moulded trim.
06200.B	2 x 8 moulded trim.
DIVISION 7	THERMAL AND MOISTURE PROTECTION
07115.A	Bituminous sealant below grade.
07190.A	#15 Asphalt roofing paper.
07212.A	2" Fiberglass batt sound insulation.
07212.B	R-19 (9") fiberglass batt insulation.
07212.E	R-38 (12") fiberglass batt insulation.
07212.F	2" Rigid insulation.
07212.G	Insulation cap.
07311.A	25 Year Fiberglass shingles.
07831.A	6" x 6" internal recessed copper gutter.
07831.B	5" x 4" painted aluminum down spout.
07723.A	Vented aluminum soffit.
07723.B	Aluminum soffit.
DIVISION 8	FINISHES
08260.A	1/2" Gypsum Board.
08260.B	1/2" Gypsum waterproof "green board."
08260.C	5/8" Type "X" gypsum board.
08510.A	Suspended acoustical ceiling system.

No.	Revisions/Submissions	Date
Patuxent Architects, Inc. Architecture and Construction Consultants		
P.O. Box 421 Prince Frederick, Maryland 20678-0421 www.patuxentarchitects.com		
TEL 410-257-9298 FAX 410-535-4127		
MARKETPLACE OFFICE CENTER - LOT 3 DUNKIRK, MD		
Drawing Title FOUNDATION PLAN		
ARCHITECT'S CERTIFICATION STATEMENT I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 9083 EXPIRATION DATE: JUNE 15, 2008.		
Seal	Designed BRH Drawn JCM Checked PDK Reviewed PDK Date 11-26-07	Project No. 02-0708 Scale AS SHOWN Drawing No. A101 05 of 19



MATERIALS KEYNOTES	
DIVISION 3	CONCRETE
03300.A	12" x 24" Continuous conc. Flg. w/ 3 #4 rebar.
03300.B	6" x 6" x 12" Conc. Flg. w/ 5 #5 rebar each way.
03300.C	72" x 24" x 12" Concrete footing w/ 6 #5 rebar each way.
03300.H	4" conc. Slab w/ 6x6 10/10 w.w.m on 4" on 4" gravel base.
03300.I	2 1/2" Normal weight concrete on 0.8C28 Vulcraft Conform steel deck Wides W1.4 x W1.4 steel reinforcing, total thickness = 3".
03300.K	12" fiber expansion joint.
03300.L	Cast-in-place reinforced concrete steps.
DIVISION 4	MASONRY
04800.A	3/8" Steel rebar @ 48" O.C., grouted solid.
04800.A	Fabric flashing with weeps @ 32" O.C.
04820.A	4" CMU horizontal steel reinforcing every other course.
04820.C	8" CMU horizontal steel reinforcing every other course.
04820.D	12" CMU horizontal steel reinforcing every other course.
04810.A	4" Brick veneer.
04810.E	4" x 8" x 24" PRARIEStone Groundface, Buff w/chanfered bottom.
04810.F	4" x 8" x 24" PRARIEStone Groundface, Buff w/chanfered top.
04810.G	4" x 8" x 24" PRARIEStone Groundface, Buff w/chanfered top & bottom.
04810.H	18" x 6" x 24" PRARIEStone Groundface, Buff.
04820.A	4" x 8" Reinforced concrete lintel.
DIVISION 5	STEEL
05120.A	W8 x 31 Steel beam.
05120.B	W12 x 45 Steel beam.
05120.C	W16 x 50 Steel beam.
05120.D	24" x 8" tube steel beam.
05120.E	10" C" Channel.
05120.G	10" C" Channel header.
05120.H	6" Dia. Steel column.
05120.K	8 x 8.5" C" Channel.
05120.L	6" x 6" x 3/8" Square steel tube column.
05120.M	10" x 10" x 3/8" Base plate w/ welded 6" x 6" tube column.
05210.A	14K4 Steel joists @ 24" O.C.
05210.B	8K1 Steel joists @ 24" O.C.
05410.A	6" metal studs @ 16" O.C. w/ 1/2" wood sheathing & house wrap.
05410.B	4" metal studs @ 16" O.C.
05500.A	4" x 6" x 3/8" Steel angle.
05500.B	3" x 6" x 3/8" Steel angle.
05500.C	6" x 6" x 3/8" Steel angle.
05500.D	7" Channel.
05500.F	1 1/2" Hat channel.
05510.A	Conc filled metal pan stairs.
DIVISION 6	WOOD AND PLASTICS
06060.A	1/2" DIA. Anchor bolts @ 48" O.C.
06060.C	Steel joist hanger.
06060.E	Steel roof truss hanger.
06060.F	Steel roof truss hurricane strap.
06071.A	2 x 4 P.T.
06071.B	2 x 6 P.T.
06072.C	5/8" plywood sheathing.
06100.A	2 x 8
06100.B	2 x 8 Roof rafters @ 24" O.C.
06100.S	2 x 6 Cold fascia board.
06173.A	Pre-engineered roof trusses @ 24" o.c.
06173.B	Pre-engineered mono trusses @ 24" O.C.
06173.D	Pre-engineered glider truss.
06181.A	(2) 1 3/4" x 11 7/8" LVL beam.
06181.B	1 3/4" x 9 1/4" LVL beam.
06181.C	2 x 3/4" x 7-1/4" LVL.
06200.A	1 x 4 moulded trim.
06200.B	2 x 8 moulded trim.
DIVISION 7	THERMAL AND MOISTURE PROTECTION
07115.A	Bituminous sealant below grade.
07160.A	#15 Asphalt roofing paper.
07212.A	2" Fiberglass batt sound insulation.
07212.B	R-19 (6") Fiberglass batt insulation.
07212.C	R-38 (12") Fiberglass batt insulation.
07212.D	2" Rigid insulation.
07212.E	Insulation stop.
07311.A	25 Year Fiberglass shingles.
07631.A	6" x 6" Internal recessed copper gutter.
07631.B	5" x 4" painted aluminum down spout.
07723.A	Vented aluminum soffit.
07723.B	Aluminum soffit.
DIVISION 9	FINISHES
09200.A	1/2" Gypsum Board.
09200.B	1/2" Gypsum waterproof "green board."
09200.C	5/8" Type "X" gypsum board.
09510.A	Suspended acoustical ceiling system.

No. Revisions/Submissions Date

Patuxent Architects, Inc.

Architecture and Construction Consultants

P.O. Box 421
Prince Frederick, Maryland 20678-0421

TEL 410-257-9298
FAX 410-535-4127

BOB GREEN Siding Co.

Commercial & Residential Builders
Home Improvements

P.O. BOX 1338 - Mechanicsville, MD 20659

301-884-5477

UNDER THE LAWS OF THE STATE OF MARYLAND

LICENSE NUMBER: 9085 EXPIRATION DATE: JUNE 15, 2008.

Seal

Designed
BRH

Drawn
JCM

Checked
PDK

Reviewed
PDK

Date
11-26-07

Project No.
02-0708

Scale
AS SHOWN

Drawing No.
A103

07 of 19

- Steel Stud Framing Notes

1. Use 1 5/8" x 6", 18 ga. Steel studs for all bearing walls with a 16 ga. top and bottom track.

2. Provide 3" x 18 ga. flat-strap "X" bracing at all shaded exterior wall panels on both floors.

3. Provide foundation anchors attached to the double stud at each end of "X" braced panels.

4. Double studs each side of all openings.

5. Provide 2 rows of mechanical horizontal bridging evenly spaced both sides of load bearing steel stud walls.

6. All connections shall conform to the "Light-gauge Cold Formed Steel Design Manual", latest edition.
- SECOND FLOOR NOTES

1. Floor: 2 1/2" normal weight concrete (f'c=3000 psi) with 6" x 6", W1.4 wwf over 9/16", 28 gage standard steel centering (3" total thickness).

Top of slab elevation as noted on drawings.

2. Top of joists -3" from top of slab. Also beams parallel to joists that are 2 1/2" above top of steel are indicated thus: 0. All joist bridging as per S.J.I. code.

3. Top of steel 5 1/2" from top of slab unless noted otherwise thus (-0'-0").

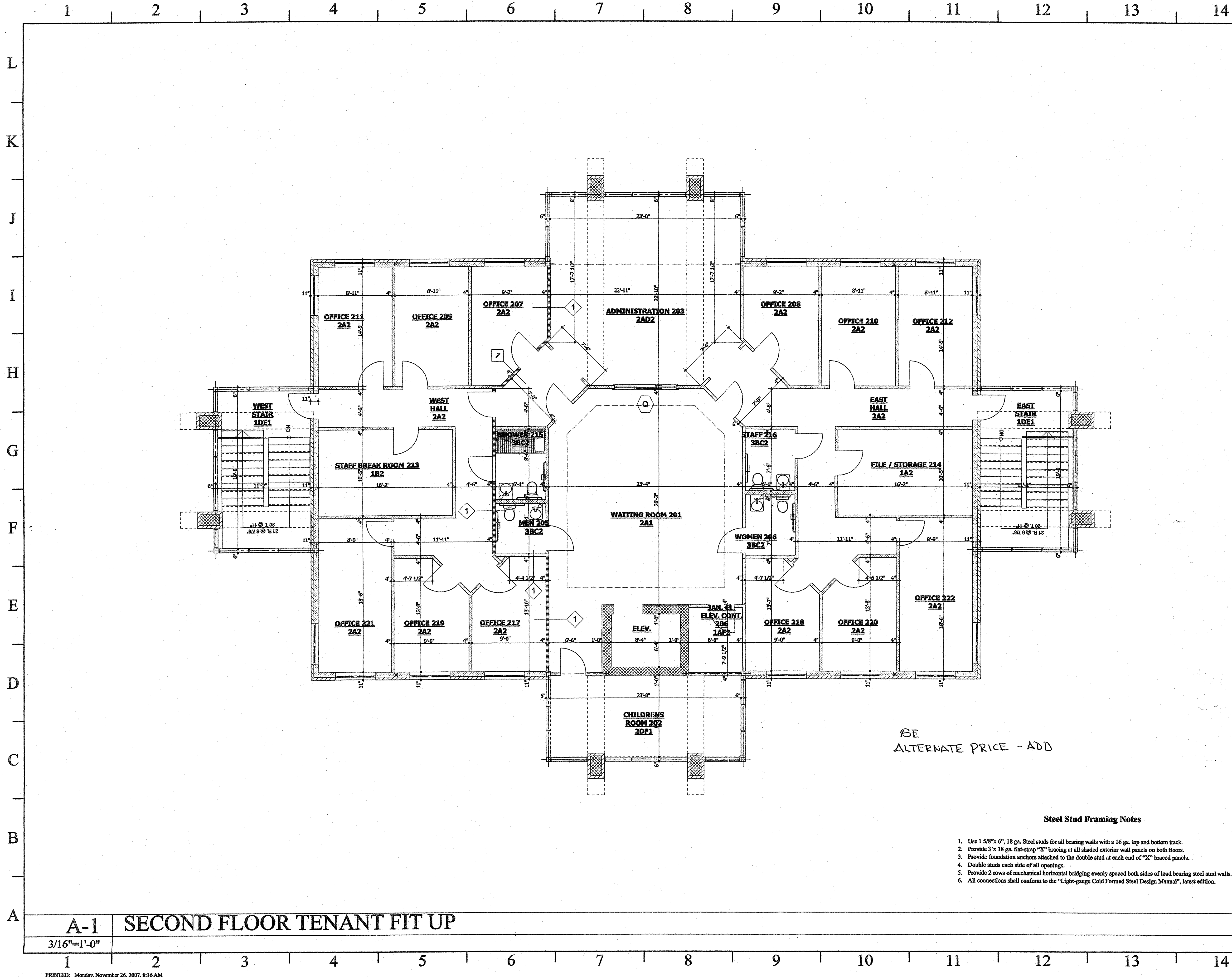
4. All steel is FY = 36 KSI (A-36) unless noted otherwise

5. Frame all openings through slab with 3" x 3" x 1/4" angle all sides

6. Coordinate joist layout with mechanical, electrical and plumbing.
- * BASE PRICE

A-1 SECOND FLOOR PLAN

3/16"=1'-0"



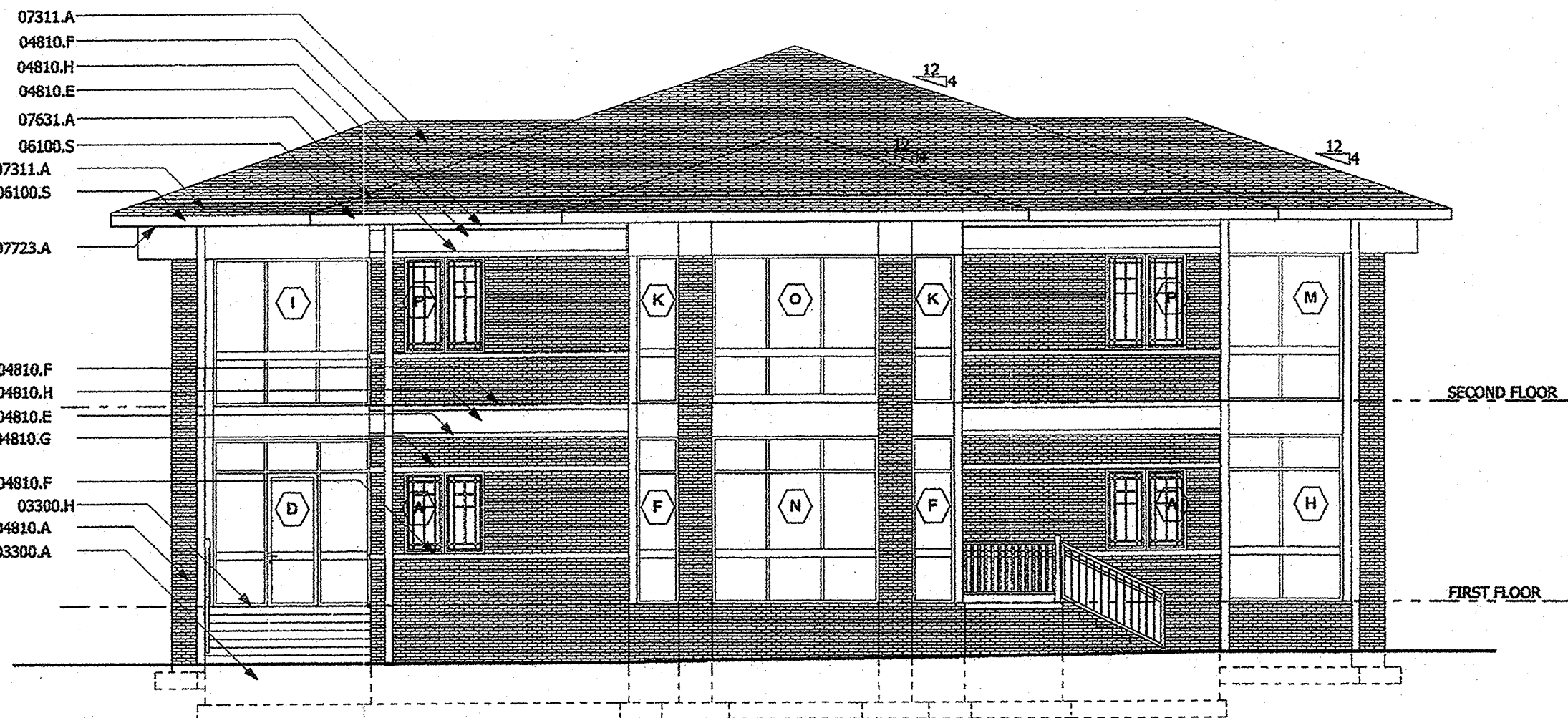
MATERIALS KEYNOTES	
DIVISION 3	CONCRETE
03300.A	12" x 24" Continuous conc. Flg. w/ 3 #4 rebar.
03300.B	8" x 10" x 12" Conc. Flg. w/ 5 #5 rebar each way.
03300.C	72" x 72" x 12" concrete footing w/ 6 #5 rebar each way.
03300.H	4" conc. Slab w/ 66 10/10 w.w.m on 4" gravel base.
03300.I	2 1/2" Normal weight concrete on 0.625 Vulsatit Conform steel deck W/66 W1.4 x W1.4 steel reinforcing, total thickness = 3".
03300.K	1/2" fiber expansion joint.
03300.L	Cast-in-place reinforced concrete steps.
DIVISION 4	MASONRY
04000.A	#5 Steel rebar @ 48" O.C., grouted solid.
04000.A	Fabric flashing with weeps @ 32" O.C.
04220.A	4" CMU w/ horizontal steel reinforcing every other course.
04220.C	8" CMU w/ horizontal steel reinforcing every other course.
04220.D	12" CMU w/ horizontal steel reinforcing every other course.
04810.A	4" Brick veneer.
04810.E	4" x 8" x 24" PPRARestone Groundface, Buff w/ chamfered bottom.
04810.F	4" x 8" x 24" PPRARestone Groundface, Buff w/ chamfered top.
04810.G	4" x 8" x 24" PPRARestone Groundface, Buff w/ chamfered top & bottom.
04810.H	16" x 8" x 24" PPRARestone Groundface, Buff.
04820.A	4" x 8" Reinforced concrete lintel.
DIVISION 5	STEEL
05100.A	W8 x 31 Steel beam.
05100.B	W12 x 45 Steel beam.
05100.C	W16 x 90 Steel beam.
05100.D	24" x 8" tube steel beam.
05100.E	10" "C" Channel.
05100.G	10" "C" Channel header.
05100.H	6" Dia. Steel column.
05100.K	8 x 6.5 "C" Channel.
05100.L	6" x 6" x 3/8" Square steel tube column.
05100.M	10" x 10" x 3/8" Base plate w/ welded 6" x 6" tube column.
05210.A	14K4 Steel joists @ 24" O.C.
05210.B	3K1 Steel joists @ 24" O.C.
05410.A	4" metal studs @ 16" O.C. w/ 1/2" wood sheathing & house wrap.
05410.B	4" metal studs @ 16" O.C.
05500.A	4" x 6" x 3/8" Steel angle.
05500.B	3" x 6" x 3/8" Steel angle.
05500.C	6" x 6" x 3/8" Steel angle.
05500.D	1" Channel.
05500.F	1 1/2" Hat channel.
05910.A	Conc filled metal pan stairs.
DIVISION 6	WOOD AND PLASTICS
06060.A	1/2" DIA. Anchor bolts @ 48" O.C.
06060.C	Steel Joist hanger.
06060.E	Steel roof truss hanger.
06060.F	Steel Roof truss hurricane strap.
06071.A	2 x 4 P.T.
06071.B	2 x 4 P.T.
06072.C	5/8" plywood sheathing.
06100.A	2 x 6
06100.B	2 x 8 Roof rafters @ 24" O.C.
06100.S	2 x 8 Clad fascia board.
06173.A	Pre-engineered roof trusses @ 24" o.c.
06173.B	Pre-engineered mono trusses @ 24" O.C.
06173.C	Pre-engineered glider truss.
06173.D	Pre-engineered glider hip truss.
06181.A	(2) 1 3/4" x 11 7/8" LVL beam.
06181.B	1 3/4" x 9 1/4" LVL beam.
06181.C	2 - 1 3/4" x 7 1/4" LVL.
06200.A	1 x 4 moulded trim.
06200.B	2 x 8 moulded trim.
DIVISION 7	THERMAL AND MOISTURE PROTECTION
07115.A	Bituminous sealant below grade.
07190.A	#15 Asphalt roofing paper.
07212.A	2" Fiberglass batt sound insulation.
07212.B	R-19 (6") Fiberglass batt insulation.
07212.E	R-38 (12") Fiberglass batt insulation.
07212.F	2" Rigid insulation.
07212.G	Insulation stop.
07311.A	25 Year Fiberglass shingles.
07311.A	5" x 5" internal recessed copper gutter.
07311.B	2" x 4" painted aluminum down spout.
07723.A	Vented aluminum soffit.
07723.B	Aluminum soffit.
DIVISION 9	FINISHES
09200.A	1/2" Gypsum Board.
09200.B	1/2" Gypsum waterproof "green board."
09200.C	5/8" Type "X" gypsum board.
09910.A	Suspended acoustical ceiling system.

- Steel Stud Framing Notes**
1. Use 1 5/8" x 6", 18 ga. Steel studs for all bearing walls with a 16 ga. top and bottom track.
 2. Provide 3" x 18 ga. flat-strap "X" bracing at all shaded exterior wall panels on both floors.
 3. Provide foundation anchors attached to the double stud at each end of "X" braced panels.
 4. Double studs each side of all openings.
 5. Provide 2 rows of mechanical horizontal bridging evenly spaced both sides of load bearing steel stud walls.
 6. All connections shall conform to the "Light-gauge Cold Formed Steel Design Manual", latest edition.

No.	Revisions/Submissions	Date
 Patuxent Architects, Inc. Architectural Consultants P.O. Box 421 Prince Frederick, Maryland 20678-0421 www.patuxentarchitects.com		
 BOB GREEN Siding Co. Commercial & Residential Builders Home Improvements P.O. BOX 1338 - Mechanicsville, MD 20659 301-884-5477 LICENSE NUMBER: 9085 EXPIRATION DATE: JUNE 15, 2008.		
Seal	Designed BRH	Project No. 02-0708
	Drawn JCM	Scale AS SHOWN
	Checked PDK	Drawing No. A104
	Reviewed PDK	
	Date 11-26-07	08 of 19

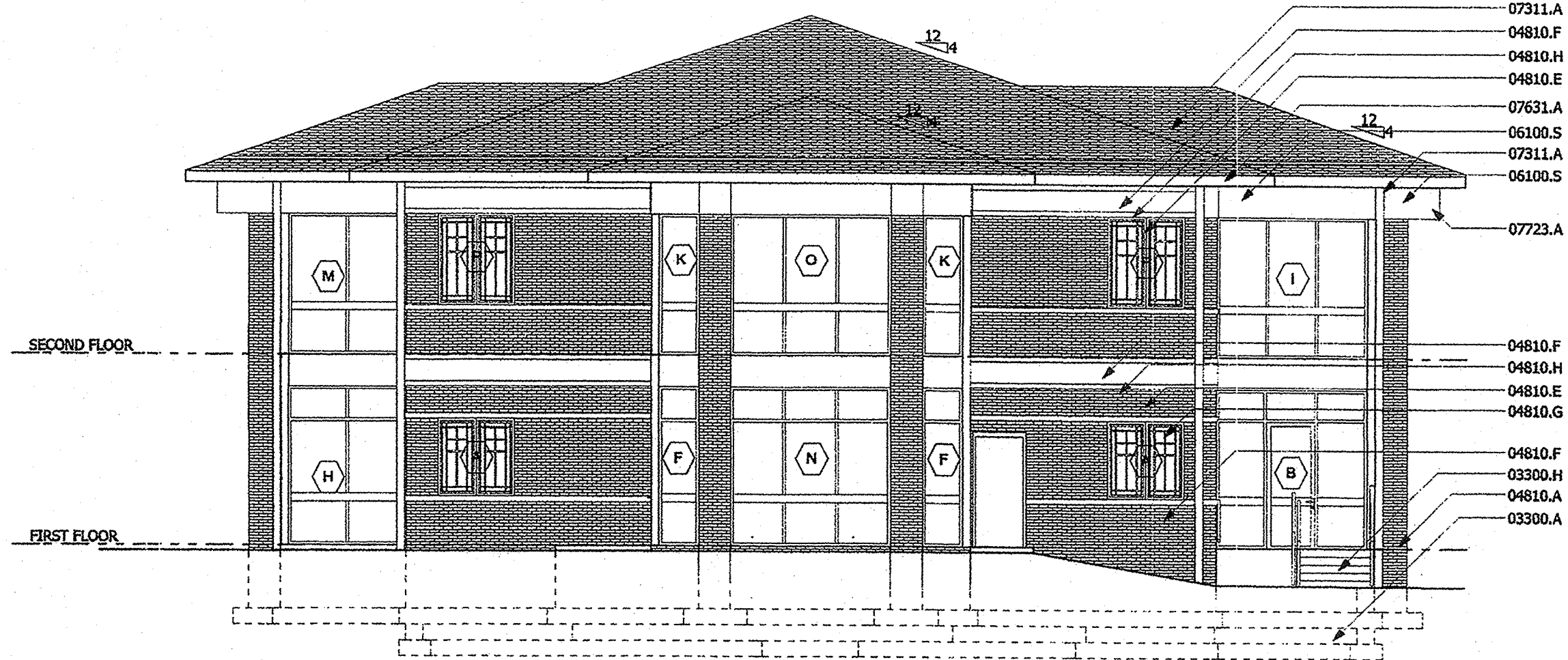
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L
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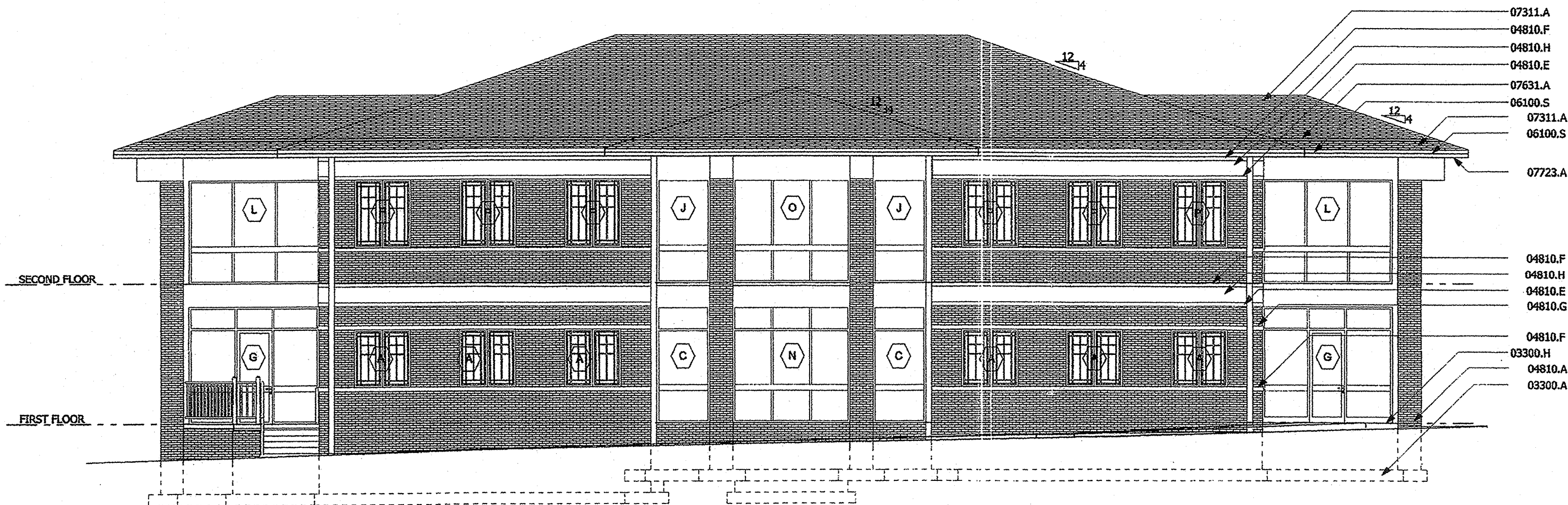
I-1 RIGHT ELEVATION

1/8"=1'-0"



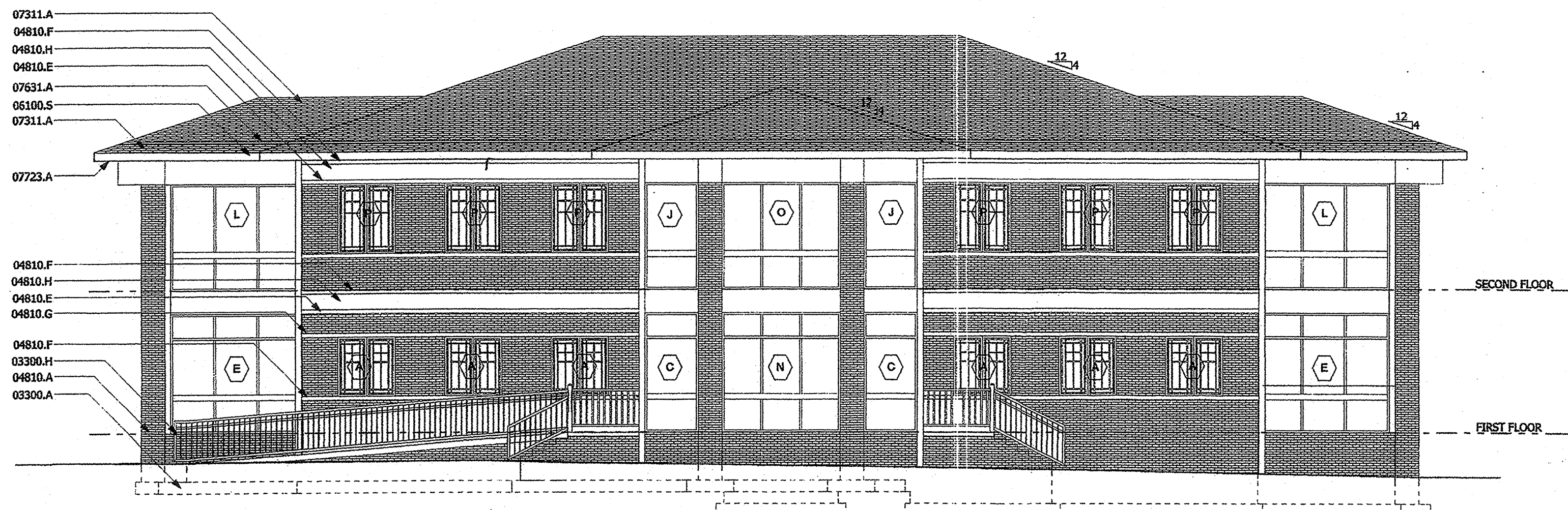
I-8 LEFT ELEVATION

1/8"=1'-0"



E-1 REAR ELEVATION

1/8"=1'-0"



A-1 FRONT ELEVATION

1/8"=1'-0"

MATERIALS KEYNOTES

DIVISION 3

CONCRETE
12" x 24" Continuous conc. Flg. w/ 3 #4 rebar.
60" x 60" x 12" Conc. Flg. w/ 5 #5 rebar each way.
72" x 72" x 12" concrete footing w/ 6 #5 rebar each way.
4" conc. Slab w/ 6 #5 10'10" w.w.m on 4 on 4" gravel base.
2 1/2" Normal weight concrete on 0.6029 Vulcraft Conform steel deck W16x6 W14 x W14 steel reinforcing, total thickness = 3".
1/2" fiber expansion joint.
Cast-in-place reinforced concrete steps.

DIVISION 4

MASONRY
#6 Steel rebar @ 48" O.C., grouted solid.
Fabric flashing with weeps @ 32" O.C.
4" CMU whorlateral steel reinforcing every other course.
8" CMU whorlateral steel reinforcing every other course.
12" CMU whorlateral steel reinforcing every other course.
4" Brick veneer.
4" x 6" x 24" PRARIEStone Groundface, Buff w/hammered bottom.
4" x 6" x 24" PRARIEStone Groundface, Buff w/hammered top.
4" x 6" x 24" PRARIEStone Groundface, Buff w/hammered top & bottom.
16" x 6" x 24" PRARIEStone Groundface, Buff.
4" x 8" Reinforced concrete lintel.

DIVISION 5

STEEL
W8 x 31 Steel beam.
W12 x 45 Steel beam.
W16 x 50 Steel beam.
24" x 5" tube steel beam.
10" C Channel.
10" C Channel header.
5" Dia. Steel column.
8 x 8.5" C Channel.
6" x 6" x 3/8" Square steel tube column.
10" x 10" x 3/8" Base plate w/ welded 6" x 6" tube column.
14K4 Steel joists @ 24" O.C.
8K1 Steel joists @ 24" O.C.
6" metal studs @ 16" O.C. w/ 1/2" wood sheathing & house wrap.
4" metal studs @ 16" O.C.
4" x 6" x 3/8" Steel angle.
3" x 6" x 3/8" Steel angle.
6" x 6" x 3/8" Steel angle.
1" Channel.
1 1/2" Hat channel.
Conc filled metal pan stairs.

DIVISION 6

WOOD AND PLASTICS
1/2" DIA. Anchor bolts @ 48" O.C.
Steel joist hanger.
Steel roof truss hanger.
Steel roof truss hurricane strap.
2 x 4 P.T.
2 x 6 P.T.
86" plywood sheathing.
2 x 6
2 x 8 Roof rafters @ 24" O.C.
2 x 8 Glid fascia board.
Pre-engineered roof trusses @ 24" o.c.
Pre-engineered mono trusses @ 24" O.C.
Pre-engineered girder truss.
Pre-engineered girder hip truss.
(2) 1 3/4" x 11 7/8" LVL beam.
1 3/4" x 9 1/8" LVL beam.
2 - 1 3/4" x 7 1/4" LVL.
1 x 4 moulded trim.
2 x 6 moulded trim.

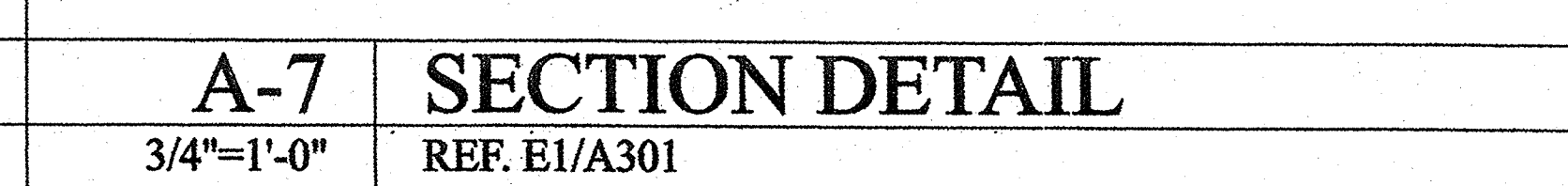
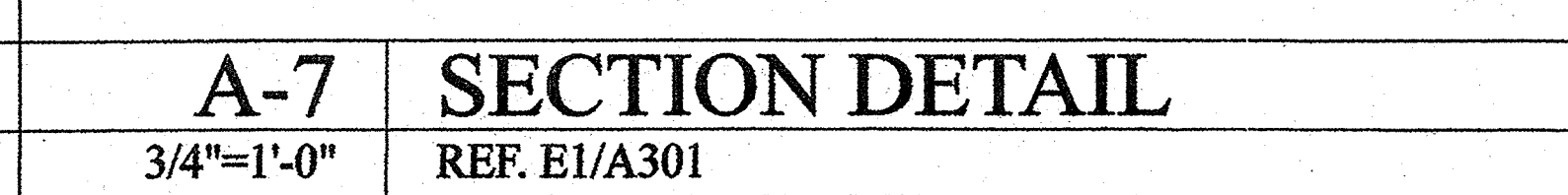
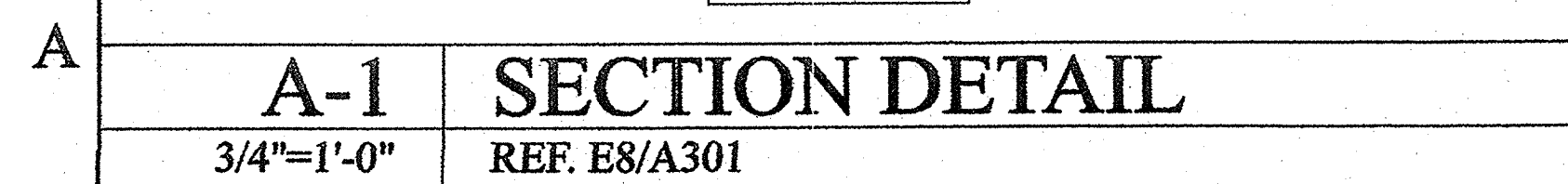
DIVISION 7

THERMAL AND MOISTURE PROTECTION
Bituminous sealant below grade.
#15 Asphalt roofing paper.
2" fiberglass batt sound insulation.
R-19 (5") fiberglass batt insulation.
R-38 (12") fiberglass batt insulation.
2" Rigid insulation.
Insulation slop.
25 Year Fiberglass shingles.
5" x 5" internal recessed copper gutter.
5" x 4" painted aluminum down spout.
Vented aluminum soffit.
Aluminum soffit.

DIVISION 8

FINISHES
9250.A
1/2" Gypsum Board.
1/2" Gypsum waterproof "green board."
5/8" Type "X" gypsum board.
Suspended acoustical ceiling system.

No.	Revisions/Submissions	Date
 Patuxent Architects, Inc. Architects and Construction Consultants		
P.O. Box 421 Prince Frederick, Maryland 20678-0421 www.patuxentarchitects.com		
TEL 410-257-9298 FAX 410-535-4127		
 BOB GREEN Siding Co. Commercial & Residential Builders Home Improvements P.O. BOX 1338 - Mechanicsville, MD 20659 301-884-5477		
Seal	Designed BRH Drawn JCM Checked PDK Reviewed PDK Date 11-26-07	Project No. 02-0708 Scale AS SHOWN Drawing No. A201 10 of 19



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Seal	Designed	Project No.
	BRH	02-0708
	Drawn	Scale
	JCM	AS SHOWN
	Checked	Drawing No.
	PDK	A302
Reviewed		
PDK		
Date	11-26-07	<u>12</u> of <u>19</u>