

WOODLAWN AVENUE PARKING GARAGE SARATOGA SPRINGS, NY JOB #50667

DWG #	DESCRIPTION	DATE	BY	CHKD BY	APP'D BY
101	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
102	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
103	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
104	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
105	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
106	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
107	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
108	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
109	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
110	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
111	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
112	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
113	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
114	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
115	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
116	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
117	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
118	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
119	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...
120	CONTRACTOR'S GENERAL NOTES	11/11/09	...	...	...

GENERAL NOTES:
 THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS, ELEVATIONS, TRADES, ETC. ANY CONDITIONS THAT DIFFER FROM WHAT ARE SHOWN ON THE PRECAST FRAMING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 THE PRECAST STRUCTURE HAS BEEN DESIGNED IN ITS COMPLETED STATE FOR THE SERVICE LOADS AS NOTED BELOW. ALL REQUIRED BRACING, SHORING AND ANY OTHER SAFETY MEASURES REQUIRED DURING CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 THE PRECAST STRUCTURE SHALL BE ERRECTED IN CONFORMANCE WITH THE TOLERANCES REQUIRED BY THE PRECAST/PRESTRESSED CONCRETE INSTITUTE. ALL WORK SHALL CONFORM TO CODES, RULES, AND REGULATIONS OF THE MASSACHUSETTS STATE BUILDING CODE 6TH EDITION, ACI 318-05 AND PCI DESIGN HANDBOOK 6TH EDITION.
 THE PRECAST PARKING STRUCTURE IS DESIGNED FOR THE FOLLOWING LOADS:
 DEAD LOAD STRUCTURE WEIGHT
 PARKING LIVE 40 PSF
 SNOW LOAD 38 PSF
 STAIRS 100 PSF
 WIND: BASIC WIND VELOCITY = 100 M.P.H. EXPOSURE C
 SEISMIC: SEISMIC DESIGN CATEGORY B
 SHORT PERIOD S_{RS} = 0.17
 SPECTRAL RESPONSE ACCELERATION PARAMETER AT 1-second Period, S_{a1} = 0.49
 ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE STRUCTURAL SYSTEM - BEARING WALL SYSTEM WITH INTERMEDIATE PRECAST SHEAR WALLS
 RESPONSE MODIFICATION FACTOR, R_h = 4
 DEFLECTION AMPLIFICATION FACTOR, C_d = 4
 3 KIPS ON 4 SO IN VERTICAL CONCENTRATED LOAD
 6 KIPS HORIZONTAL IMPACT AT 18' ABOVE DECK (NON-FACTORED LOADS)

NOTE TO REVIEWERS (GC/ARCH/ENG):
 ALL PANEL DIMENSIONS AND LOCATIONS SHALL BE VERIFIED AS WELL AS:
 • MECHANICAL AND HVAC OPENINGS
 • ELECTRICAL PENETRATIONS
 • WINDOW/DOOR/LOUVER ROUGH OPENINGS
 OTHER DETAILS TO CONSIDER DURING REVIEW ARE:
 • WINDOW/DOOR ATTACHMENT METHODS
 • CHALKING AND WEA THERPROOFING DETAILS
 • ANY OTHER TRADE THAT COMES IN CONTACT WITH THE PRECAST CONCRETE AS SHOWN.
 THIS INFORMATION MUST BE PROVIDED COMPLETELY ON THE APPROVAL DRAWINGS RETURNED TO UNISTRESS, OR THE ITEM MAY NOT BE CAST IN THE FINAL PRODUCT.

ARCHITECT
 SYVERTSEN RIGOSU ARCHITECTS PLLC
 SIX CHELSEA PLACE
 CLIFTON PARK, NY 12065
 PHONE: (518) 348-1151

ENGINEER
 INNOVATIVE ENGINEERING SERVICES, INC
 6435 WEST JEFFERSON BLVD
 PMB 194
 FORT WAYNE, IN 46804
 PHONE: (260) 969-6661
 FAX: (260) 443-7562

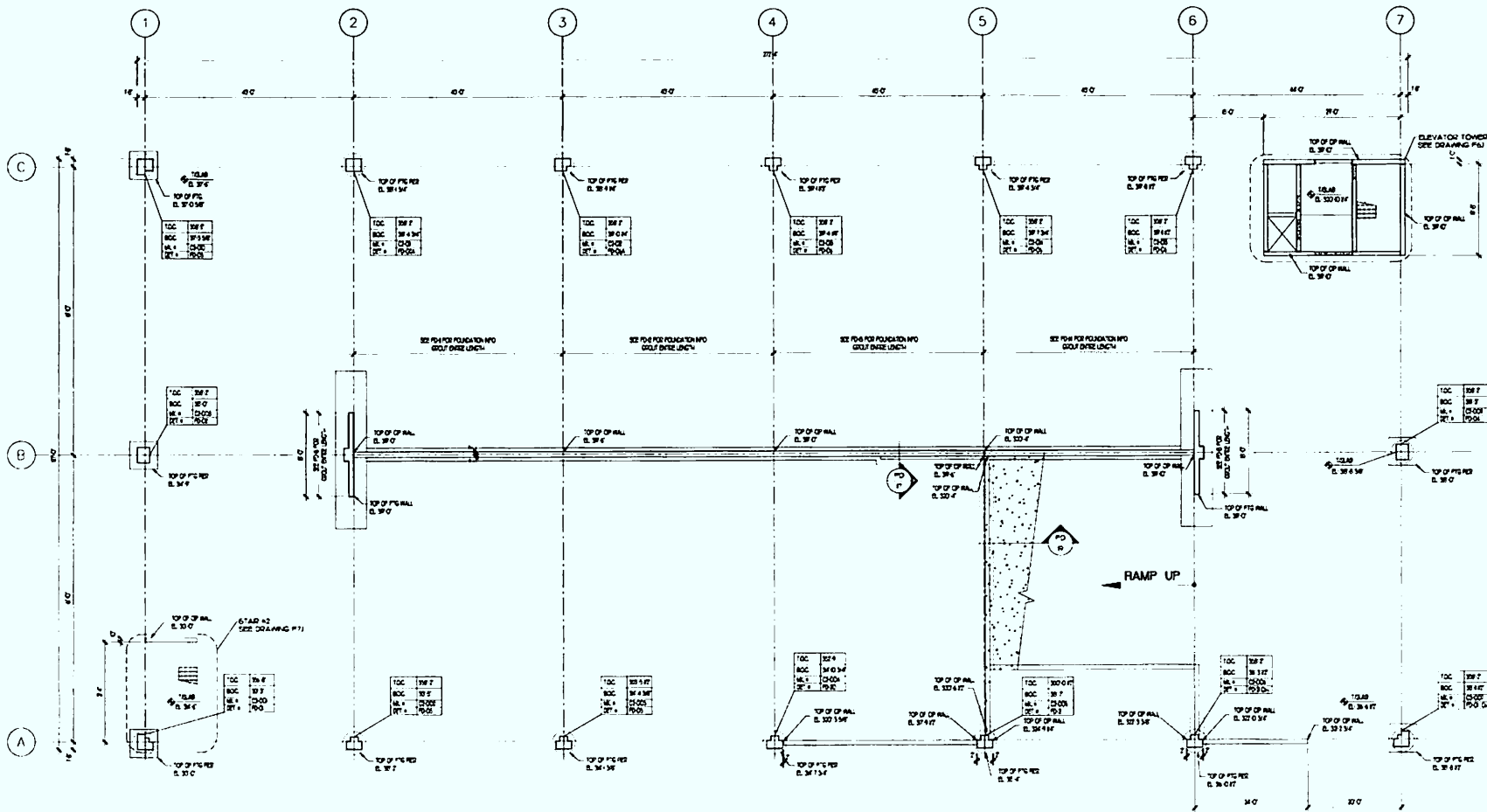
GENERAL CONTRACTOR
 BCI CONSTRUCTION INC.
 20 LOUDONVILLE ROAD
 ALBANY, NEW YORK 12204
 518-476-3200
 WWW.BCINC.COM

PRECAST MANUFACTURER
 UNISTRESS CORPORATION
 550 CHESHIRE ROAD
 PITTSFIELD, MASSACHUSETTS 01201
 PHONE: (413) 499-1441
 FAX: (413) 499-1254



DATE	2/24/12
SCALE	1" = 12'
NO.	11
REV.	15/11
BY	5/8/07
CHKD.	10/10
APP'D.	10/10
FIG. NO.	

F0.1



LEVEL-1 FOUNDATION PLAN

MC #	COLUMN SIZE
CO. XXX	3' 4" 3' 4"
CO. XXX	3' 4" 3' 4"
T.O.C.	TOP OF COLUMN
B.O.C.	BOT. OF COLUMN
MC #	MARK NUMBER
DET. #	DETAIL NUMBER

COLUMN SYMBOL LEGEND

DEVITA & ASSOCIATES, INC.
 P.O. Box 1596 Greenville, SC 29621
 PHONE 864-232-6642 FAX 864-242-4876
 E-Mail: Cora@devita-inc.com

NO	DATE	REVISIONS
2	3/30/12	FOR APPROVAL ONLY
1	3/23/12	FOR APPROVAL ONLY

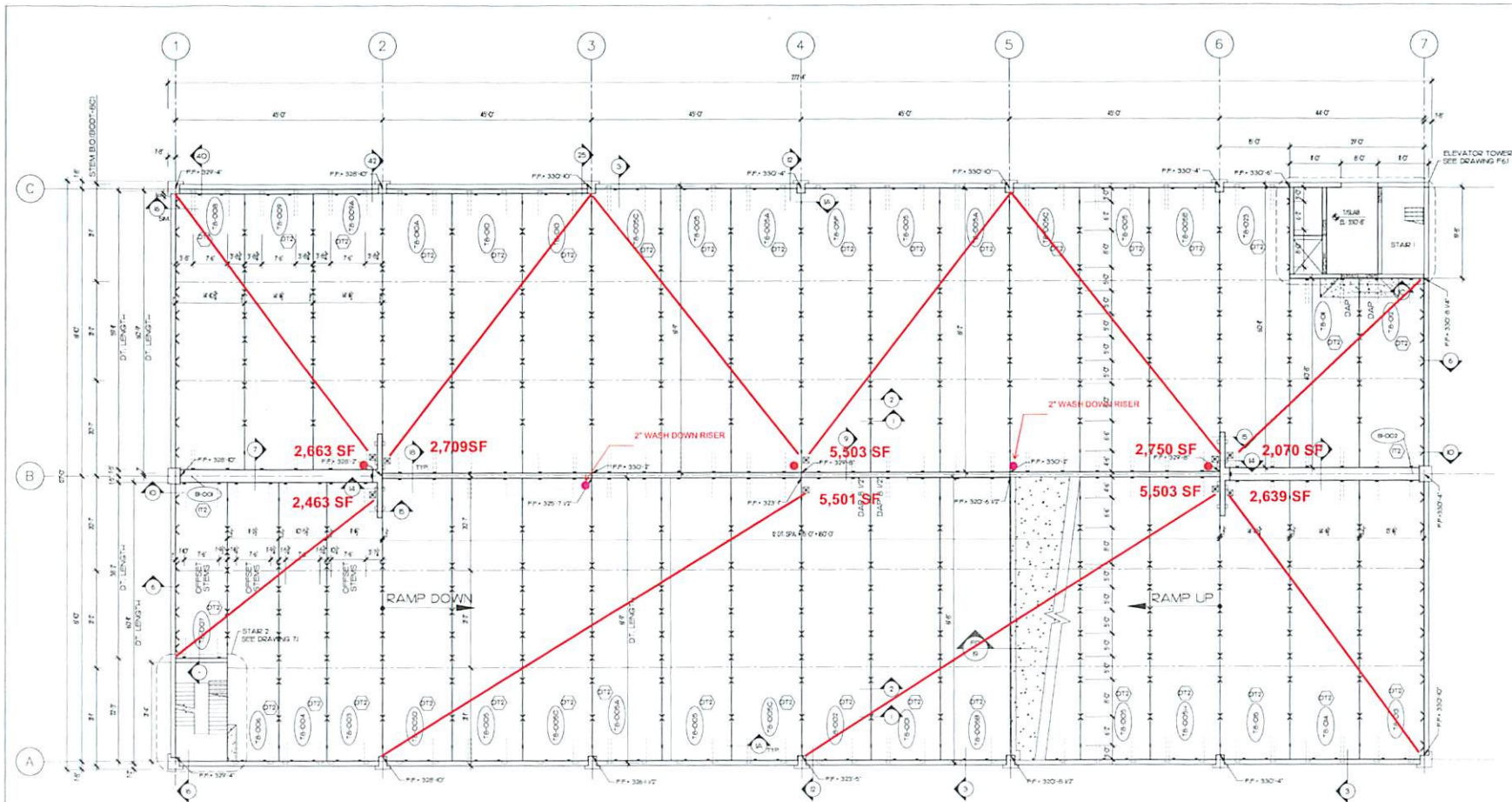
unistress

P.O. BOX 1145, PITTSFIELD, MASSACHUSETTS, 01201 (413) 499-1441
 PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

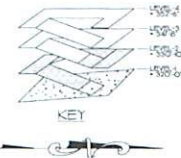
WOODLAWN AVENUE P/G
 SARATOGA SPRINGS, NY
 BCI CONSTRUCTION
 SYVERTSEN RIGOSU ARCHITECTS, PLLC

FOUNDATION PLAN

DATE: 3/28/12
 SCALE: 1/8"=1'-0"
 CHED: DFTM: BC
 JOB NO.: 508P
 DWG. NO.:



LEVEL-2 FRAMING PLAN
PLUMBING ROOF DRAIN AND LEADER LAYOUT AND WASH DOWN SYSTEM



DEVITA & ASSOCIATES, INC.
 P.O. Box 1588 Greenville, S.C. 29607
 PHONE: 864-232-6542 FAX: 864-242-4878
 E-Mail: Corp@devita-inc.com

NO	DATE	REVISIONS
2	3/30/12	FOR APPROVAL ONLY
1	3/23/12	FOR APPROVAL ONLY

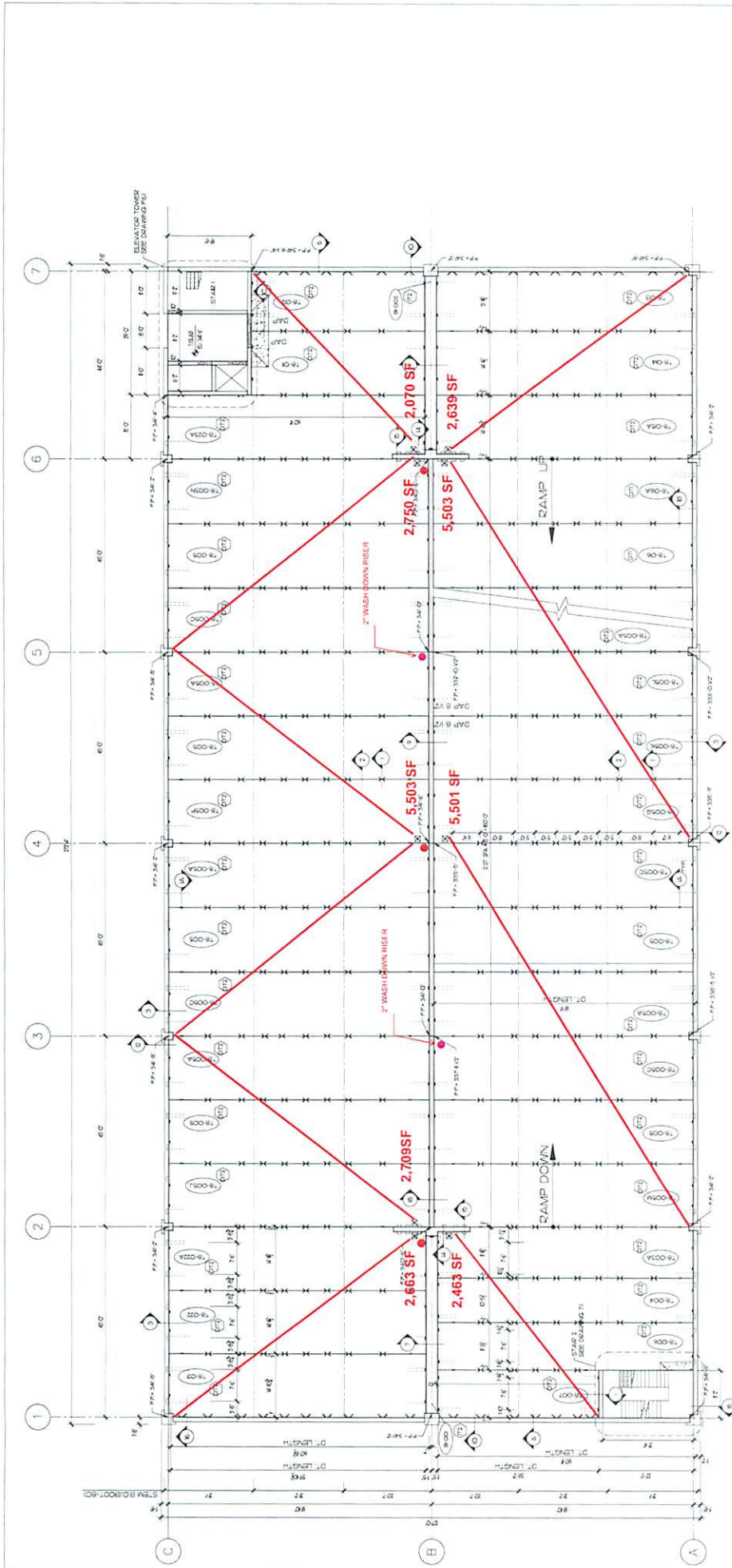
unistress

P.O. Box 1145, PITTSFIELD, MASSACHUSETTS, 01201 (413) 499-1441
 PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

WOODLAWN AVENUE P/G
 SARATOGA SPRINGS, NY
 BCI CONSTRUCTION
 SYVERTSEN RIGOSU ARCHITECTS, PLLC

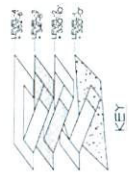
LEVEL 2 FRAMING PLAN

DATE: 2/28/12
 SCALE: 1/32"=1'-0"
 CHKD: DFTM: BG
 JOB NO: 5087
 DWG. NO: F2.1



LEVEL-3 FRAMING PLAN

PLUMBING ROOF DRAIN AND LEADER LAYOUT AND WASH DOWN SYSTEM



DATE: 1/23/12
 SCALE: 1/8"=1'-0"
 CHECK: JFM
 JOB NO: 0811
 DWG. NO: F2.2

WOODLAWN AVENUE P/G
 SARATOGA SPRINGS, NY
 BCI CONSTRUCTION
 SVERTSEN RIGGS ARCHITECTS, PLLC
 LEVEL 3 FRAMING PLAN

NO.	DATE	FOR APPROVAL ONLY	REVISIONS
1.	1/23/12		

DEVITA & ASSOCIATES, INC.
 P.O. Box 1598 Greenville, SC 29607
 P: 864-232-8644 FAX: 864-247-4818
 E: MAIL: DEVITA@DEVITA-INC.COM

unistress
 P.O. BOX 1142, PITTSFIELD, MASSACHUSETTS 01201 (413) 439-1441
 PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

DEVITA & ASSOCIATES, INC.
 P.O. BOX 1595 GREENWICH, SC 29021
 PHONE: 864-232-6642 FAX: 864-242-4878
 E-Mail: CorDev@devita.com

NO.	DATE
1	3/23/13 FOR APPROVAL ONLY
2	3/20/13 FOR APPROVAL ONLY

REVISIONS

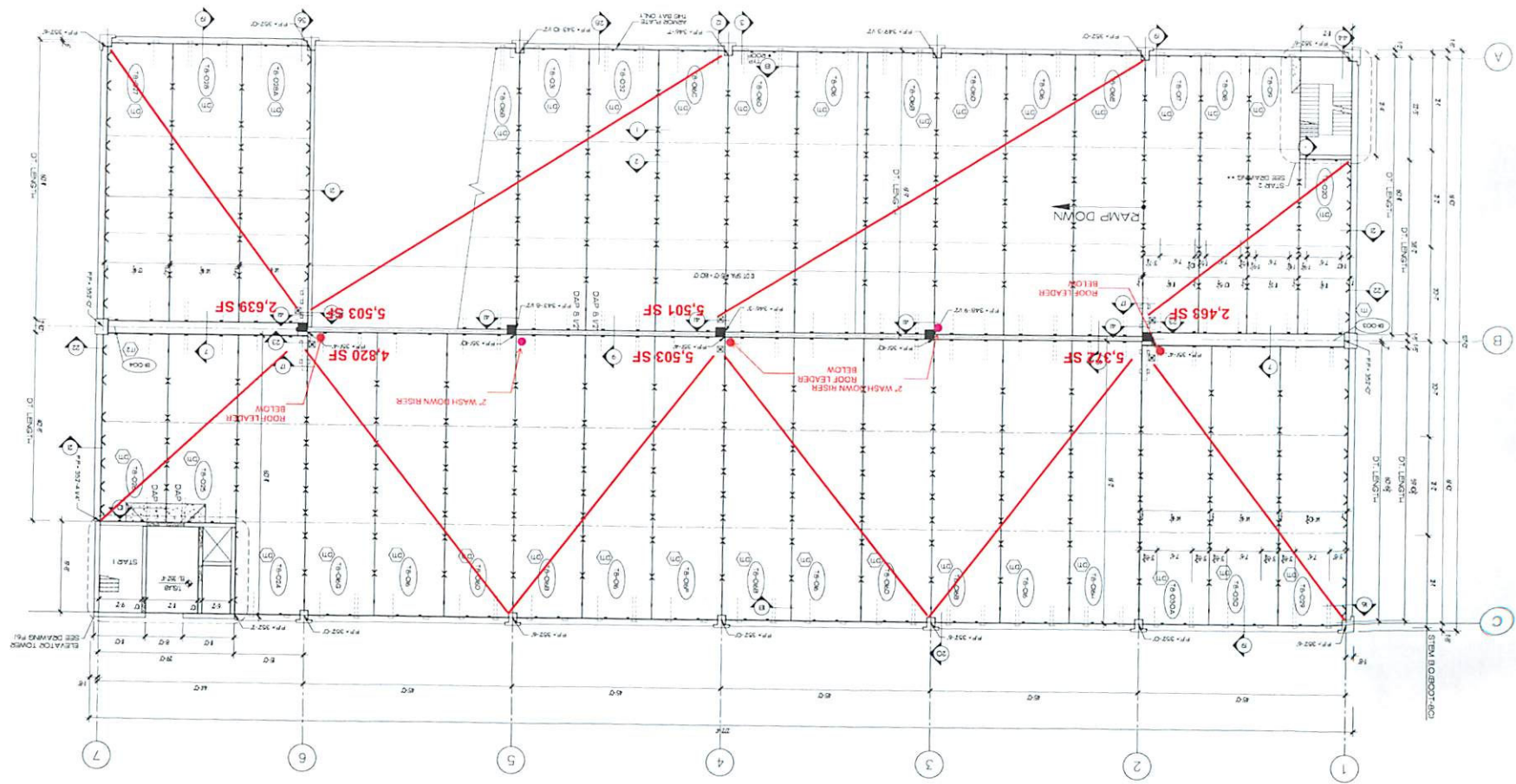
unstress
 PRECAST STRUCTURAL CONCRETE - WOODEN PRESSRESSED CONCRETE INSTITUTE
 P.O. BOX 1145, MITCHELL, MASSACHUSETTS, 01201 (413) 499-1441

WOODLAWN AVENUE P/O
 SARATOGA SPRINGS, NY
 SCALE: 3/8"=1'-0"
 DATE: 3/17/13

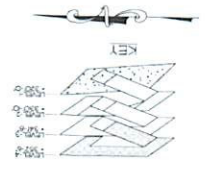
DATE:	3/17/13
SCALE:	3/8"=1'-0"
CHECKED:	DTM
JOB NO.:	5087
DWG. NO.:	F2.3

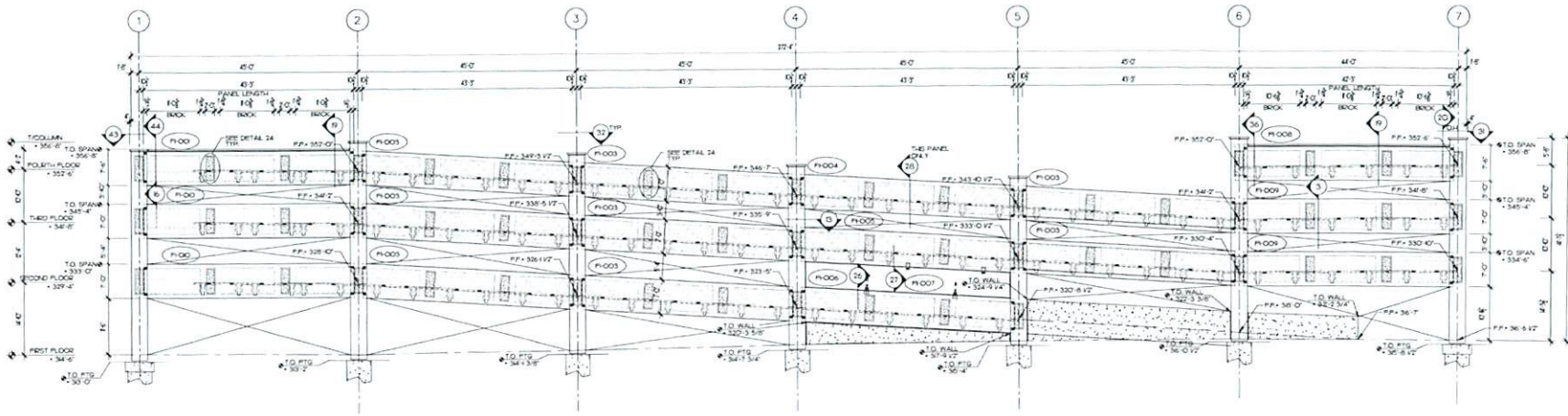
PLUMBING ROOF DRAIN AND LEADER LAYOUT AND WASH DOWN SYSTEM

LEVEL-4 ROOF FRAMING PLAN

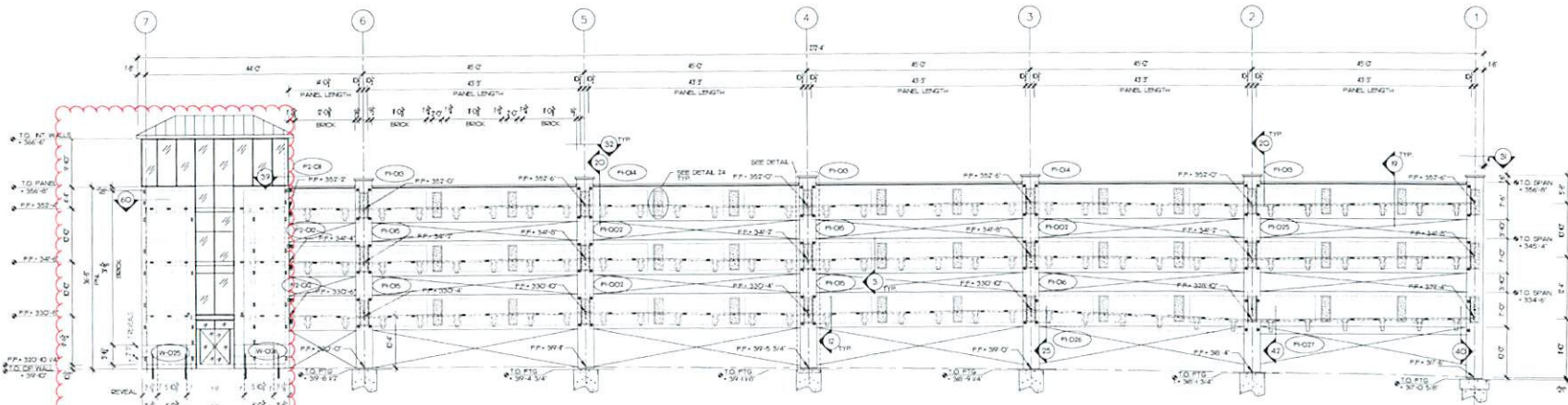


■ LIGHT POLE LOCATION





EAST ELEVATION

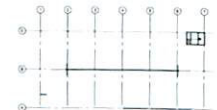


WEST ELEVATION

ON HOLD
PER UNISTRESS

FINISH LEGEND

- MEDIUM SANDBLAST (MSB)
- LIGHT SANDBLAST (LSB)
- BRICK



KEY PLAN

DEVITA & ASSOCIATES, INC.
 P.O. Box 1036 Greenville, SC 29601
 PHONE 864-232-6642 FAX 864-242-4878
 E-Mail: Corp@devita-inc.com

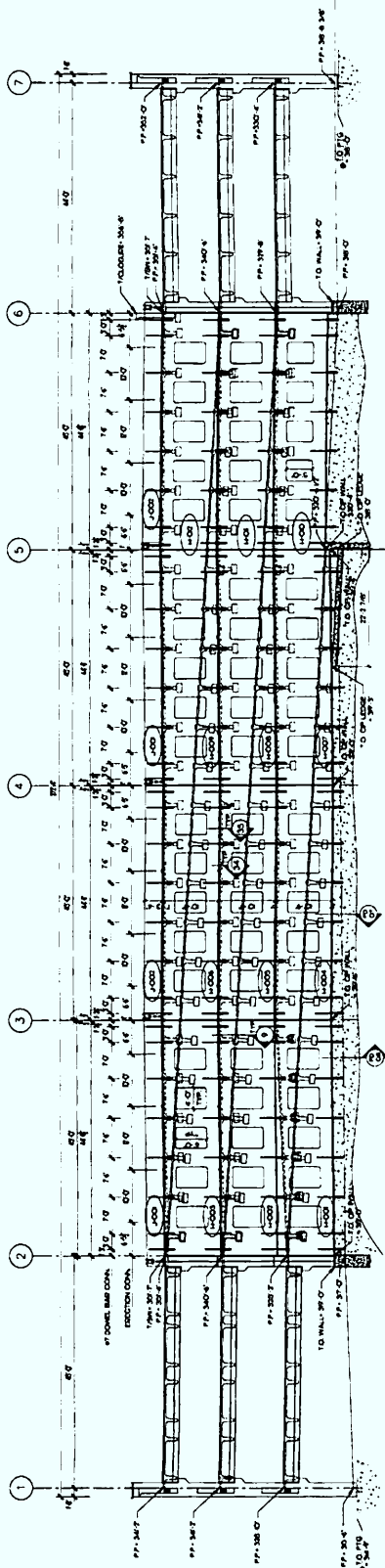
NO	DATE	REVISIONS
2	3/30/12	FOR APPROVAL ONLY
1	3/23/12	FOR APPROVAL ONLY

unistress

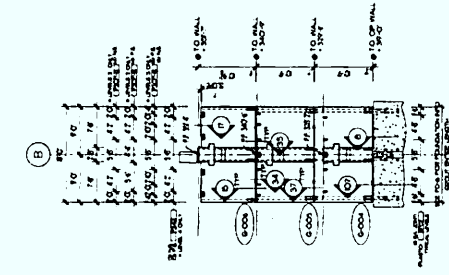
P.O. Box 1145, PITTSFIELD, MASSACHUSETTS, 01201 (413) 499-1441
 PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

WOODLAWN AVENUE P/G
 SARATOGA SPRINGS, NY
 BCI CONSTRUCTION
 SYVERTSEN RIGOSU ARCHITECTS, PLLC
 EAST/WEST EXTERIOR ELEVATIONS

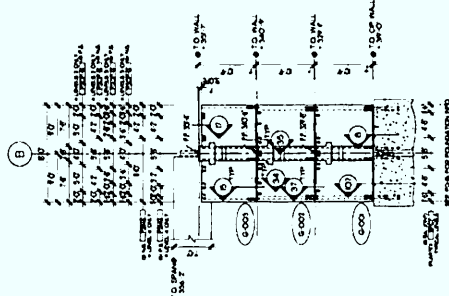
DATE: 3/13/12
 SCALE: 1/32"=1'-0"
 CHKD: DFM
 JOB NO: 2047
 DWG NO: F3.1



INTERIOR LITEMALL ELEVATION
LOOKING WEST



S-EARWALL ELEVATION AT LINE 2 LOOKING NORTH
DOUBLE TEES NOT SHOWN FOR CLARITY



S-EARWALL ELEVATION AT LINE 6 LOOKING SOUTH
DOUBLE TEES NOT SHOWN FOR CLARITY

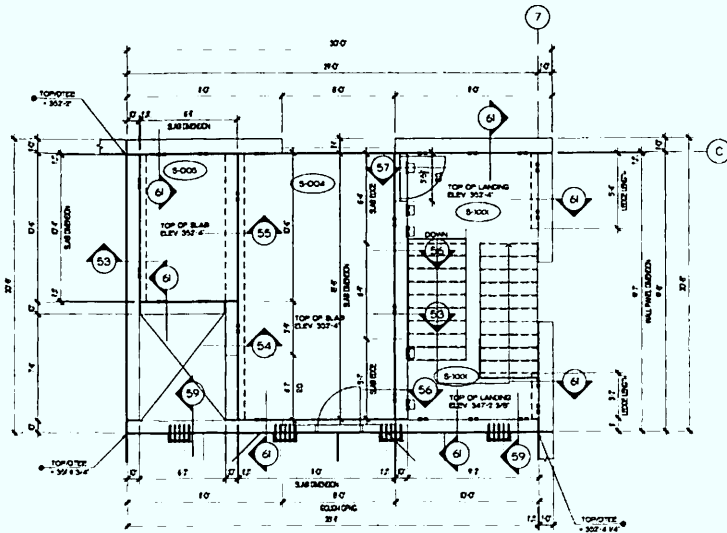
DATE: 3/1/13
SCALE: 3/8\"/>

WOODLAWN AVENUE P/C
SARATOGA SPRINGS, NY
BCI CONSTRUCTION
STYVERSEN RIGOSU ARCHITECTS, PLLC
LITEMALL / SHEARWALL INTERIOR ELEVATIONS

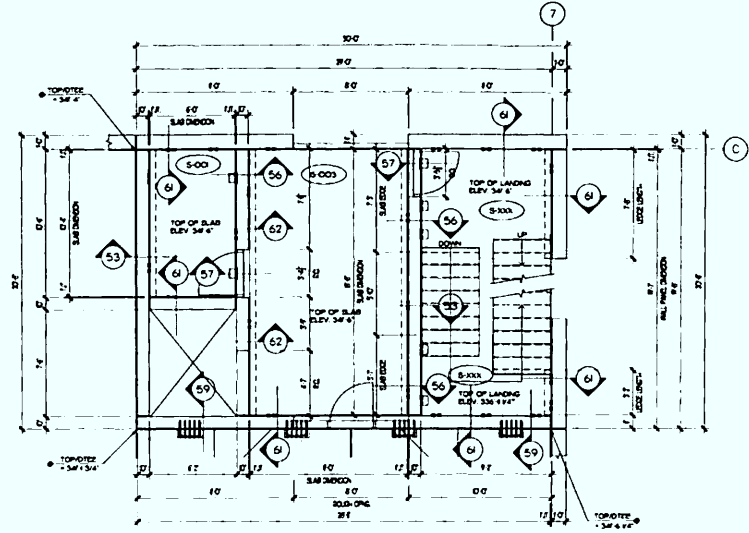
unistress
P.O. BOX 1145, RITTSBERG, MASSACHUSETTS 01201 (413) 488-1441
PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

NO	DATE	DESCRIPTION
2	3/20/13	FOR APPROVAL ONLY
1	3/23/13	FOR APPROVAL ONLY

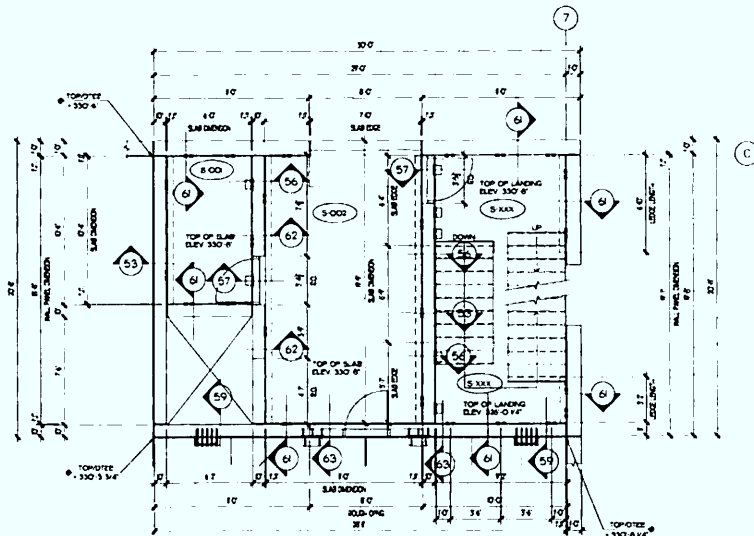
DEVITA & ASSOCIATES, INC.
P.O. BOX 1038, GREENVILLE, SC 29601
PHONE: 864-232-6642 FAX: 864-742-4878
E-MAIL: C.Ard@devita-inc.com



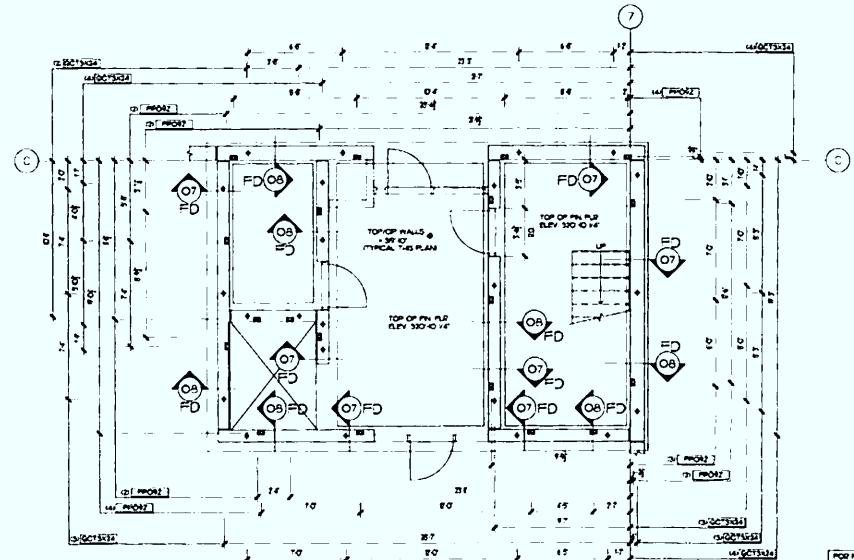
STAIR TOWER #1 LEVEL 4



STAIR TOWER #1 LEVEL 3



STAIR TOWER #1 LEVEL 2



STAIR TOWER #1 LEVEL 1

EA
DEVITA & ASSOCIATES, INC.
 P.O. Box 1596 Greenville, S.C. 29621
 PHONE: 854-232-6642 FAX: 854-242-4878
 E-Mail: Corp@devita.com

1	03/23/10	POB APPROVAL
2	03/23/10	POB APPROVAL
3	04/23/10	GENERAL REVISIONS

NO	DATE
----	------

REVISIONS

unistress

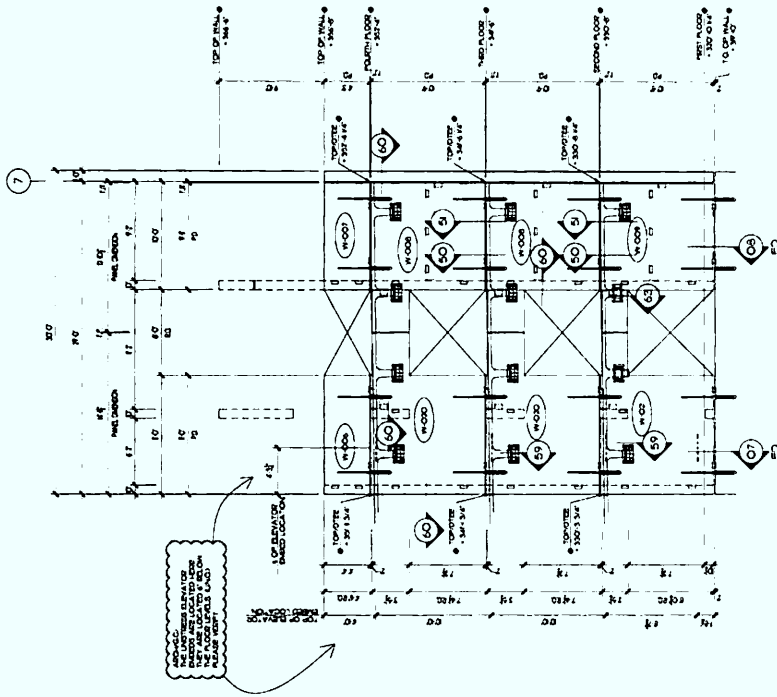
P.O. BOX 1145, PITTSFIELD, MASSACHUSETTS, 01201 (413) 499-1441
 PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

WOODLAWN AVENUE P/G
 SARATOGA SPRINGS, NY
BCI CONSTRUCTION
 SYVERTSEN RIGOSU ARCHITECTS, PLLC
 STAIR #1 PLANS

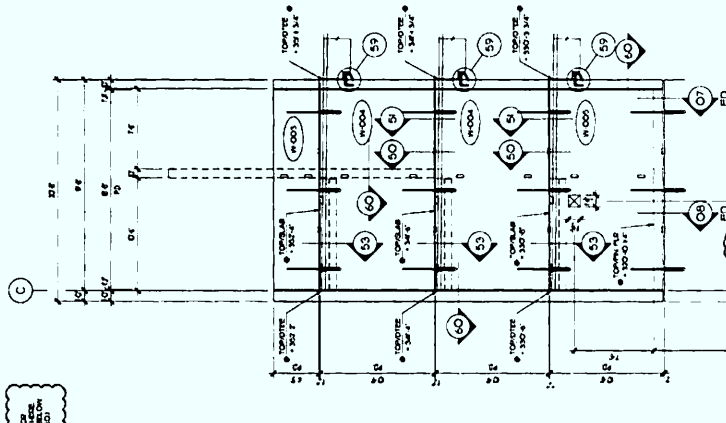
DATE:	03/23/10
SCALE:	1/4" = 1'-0"
CHGD:	DFTM: DLP
JOB NO:	3087
DWG. NO:	

F6.1

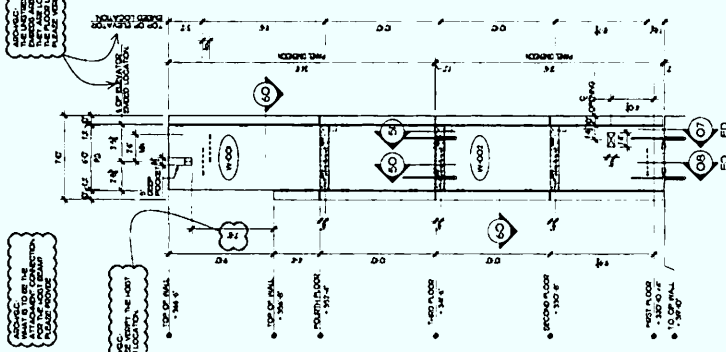
FOR PRECAST INFORMATION NOT SHOWN SEE OTHER PLANS



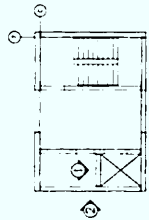
WEST ELEVATION 1



SOUTH ELEVATION 2



EAST ELEVATION 3



KEY PLAN

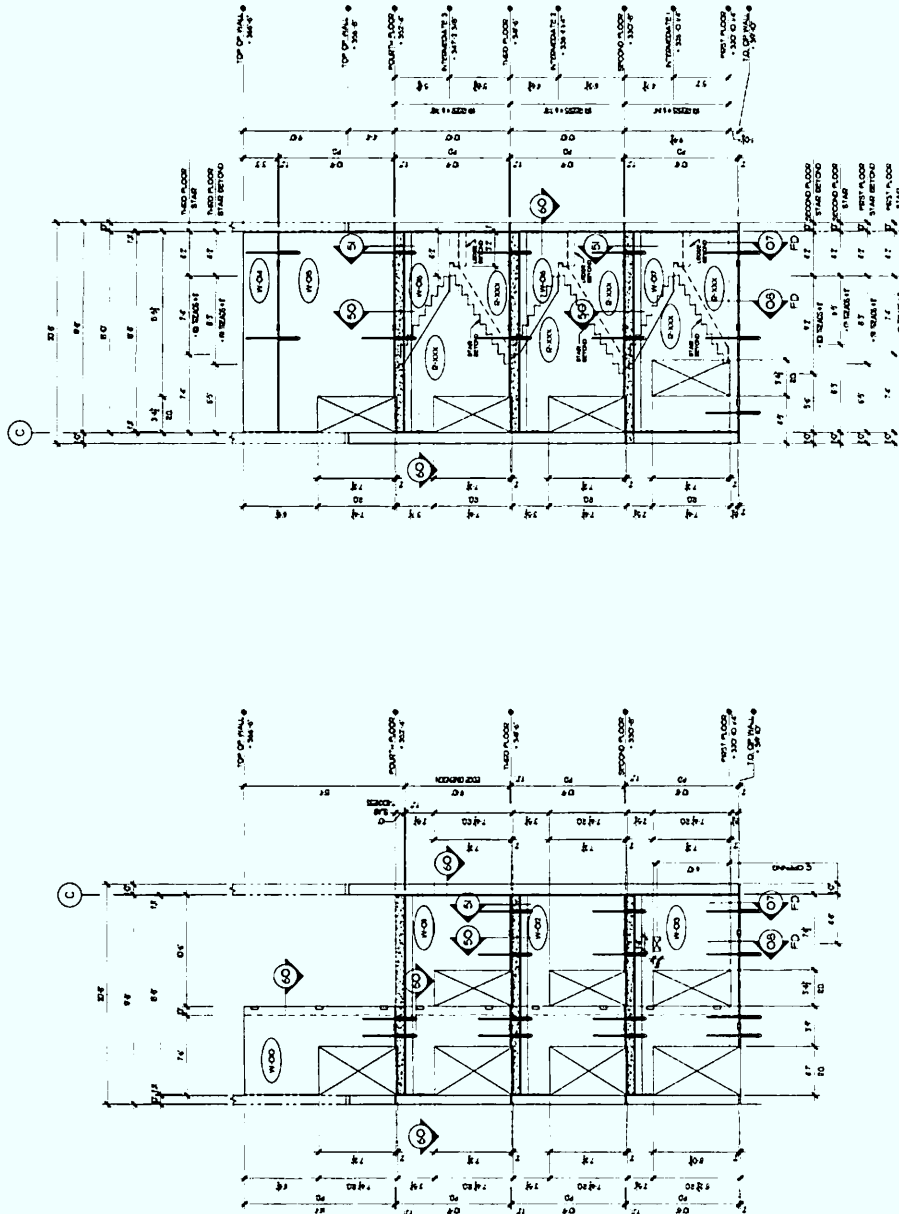
unistress
 P.O. BOX 1164, WATFIELD, MASSACHUSETTS, 01701 (413) 498-1441
 PRECAST STRUCTURAL CONCRETE - WEBER PRESTRESSED CONCRETE INSTITUTE

NO	DATE	DESCRIPTION
1	10/20/12	ISSUED FOR APPROVAL
2	11/01/12	ISSUED FOR APPROVAL
3	04/07/13	GENERAL REVISIONS
4		
5		
6		
7		
8		
9		
10		

DEVITA ASSOCIATES, INC.
 1000 Orange St., 2nd Floor
 New York, NY 10038
 Tel: (212) 691-1000
 Fax: (212) 691-1001
 E-Mail: info@devita.com

WOODLAWN AVENUE P/G
 SARATOGA SPRINGS, NY
 BCI CONSTRUCTION
 SVETKEYEN RIGOSU ARCHITECTS, PLLC
 INTERIOR STAIR #1 ELEVATIONS

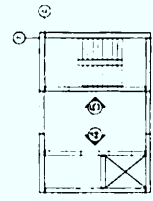
DATE: 4/23/11
 SCALE: 1/8"=1'-0"
 CADD: JTB
 JOB NO: 1000
 DWG. NO: F6.2



NORTH-ELEVATION 4

SOUTH-ELEVATION 5

KEY PLAN



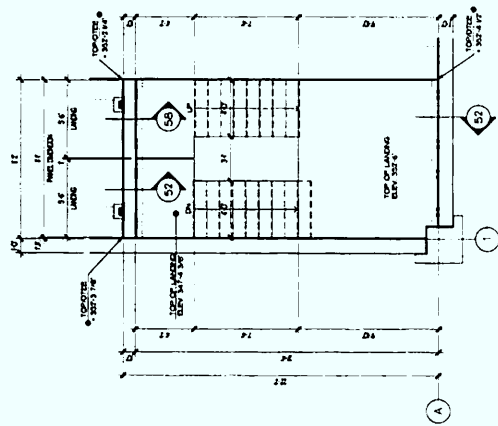
DATE:	4/21/11
SCALE:	1/8"=1'-0"
Drawn:	EPK
Job No.:	1007
Drawn No.:	FB.3

WOODLAWN AVENUE P/G
SARATOGA SPRINGS, NY
BCJ CONSTRUCTION
STEVENSEN RIGGS ARCHITECTS, PLLC
INTERIOR STAIR #1 ELEVATIONS

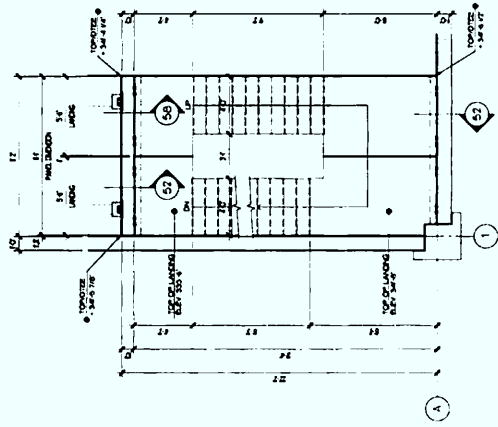
unistress
P.O. BOX 1145, WITFIELD, MASSACHUSETTS, 01091 (413) 499-1441
PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

1	DESIGN	FOR APPROVAL
2	CONSTRUCTION	FOR APPROVAL
3	GENERAL	CONTRACT
40	DATE:	

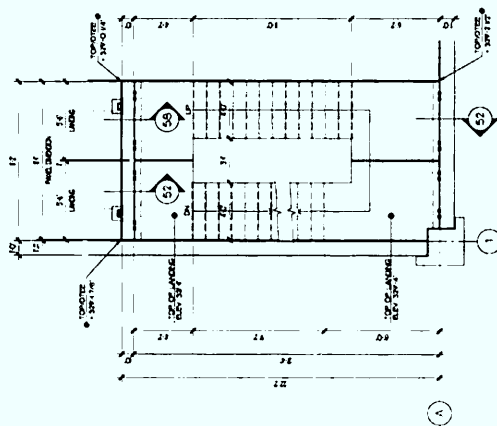
DEVITA & ASSOCIATES, INC.
P.O. Box 1398 Concord, SC 29025
Tel: 803-782-4878
Fax: 803-782-4879
E-Mail: devita@devita-inc.com



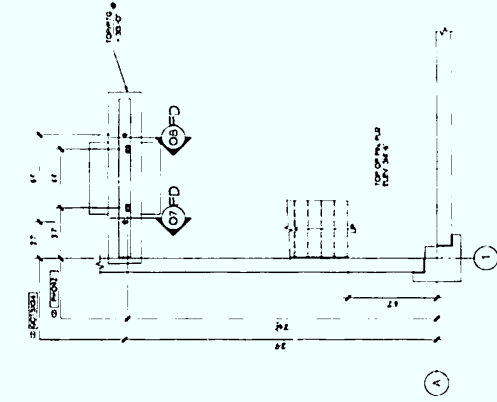
STAIR TOWER #2 LEVEL 4



STAIR TOWER #2 LEVEL 3



STAIR TOWER #2 LEVEL 2



STAIR TOWER #2 LEVEL 1

FOR PRECAST
CONCRETE WORK

DATE: 01/11/11
SCALE: 1/8"=1'-0"
SHEET: 01
JOB NO.: 10000
DWG. NO.: F7.1

WOODLAWN AVENUE P/G
SARATOGA SPRINGS, NY
BGI CONSTRUCTION
STYVERTSEN RIGOSU ARCHITECTS, PLLC
STAIR #2 PLANS

unistress
P.O. BOX 1145, PITTSFIELD, MASSACHUSETTS, 01201 (413) 499-1441
PRECAST STRUCTURAL CONCRETE - MEMBER PRESTRESSED CONCRETE INSTITUTE

NO.	DATE	REVISIONS
1	01/11/11	FOR APPROVAL
2	01/11/11	FOR APPROVAL
3	01/11/11	FOR APPROVAL

DEVITA & ASSOCIATES, INC.
100 W. 5th Street
P.O. Box 310
Pittsfield, MA 01201
Tel: 413-499-1441
Fax: 413-499-1442
www.devita-inc.com

