NOT USED

SCALE:
FILE:

16

NOT USED

SCALE:
FILE:

15

NOT USED

SCALE:
FILE:

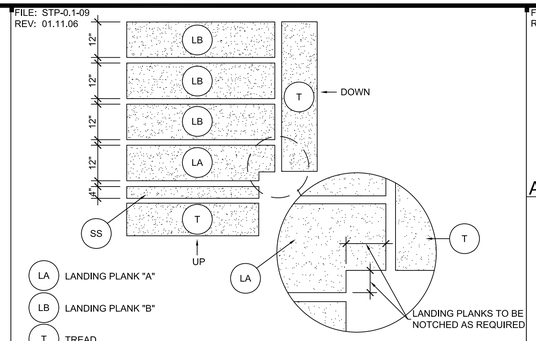
14

NOT USED

SCALE:
FILE:

13

FILE: STP-0.1-09
REV: 01.11.06



LA LANDING PLANK "A"
LB LANDING PLANK "B"
T TREAD
SS STARTER STEP

LANDING PLANKS TO BE NOTCHED AS REQUIRED

STRINGER NOTCH DETAIL (N.T.S.)

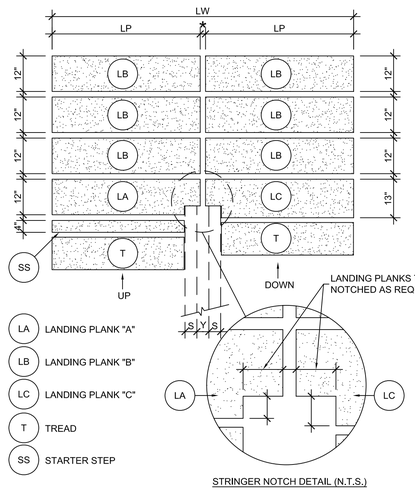
-ALLOW ⅛" TOLERANCE BETWEEN LANDING PLANKS.

90° LANDING

SCALE: 1/2"=1'-0"
FILE: STP-0.1-09

9

FILE: STP-0.1-12
REV: 01.11.06



LA LANDING PLANK "A"
LB LANDING PLANK "B"
LC LANDING PLANK "C"
T TREAD
SS STARTER STEP

LANDING PLANKS TO BE NOTCHED AS REQUIRED.

STRINGER NOTCH DETAIL (N.T.S.)

LANDING SCHEDULE		
TREAD LENGTH (T)	LANDING PLANK LENGTH (LP)	LANDING WIDTH OUTSIDE DIM. (LW)
36"	LP=T+S+ ½Y	LW=2(LP)+★
38"		
40"		
42"		
44"		
46"		
48"		

★★ ALL ITEMS HAVE STANDARD MAUFACTURING TOLERANCES.
★ ALLOW ⅛" TOLERANCE BETWEEN LANDING PLANKS.
Y = SPACE BETWEEN STRINGERS.
S = STRINGERS

EXAMPLE:

T=36", S=3", & Y=6"

THEN:
LP=36+3+½(6)=42"
LP=42"+ ★★

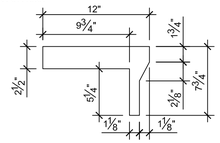
LW=2(42)+ ★★
LW=84"+ ★★

180° LANDING

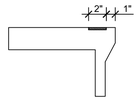
SCALE: 1/2"=1'-0"
FILE: STP-0.1-12

12

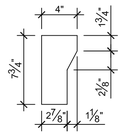
FILE: STP-0.1-05
REV: 07.19.07



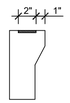
A — CLASSIC PROFILE



B — CLASSIC PROFILE WITH INTEGRAL AGGREGATE WARNING DETAIL



C — CLASSIC PROFILE STARTER STEP



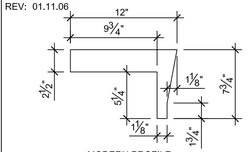
D — CLASSIC PROFILE SARTER STEP WITH INTEGRAL AGGREGATE WARNING DETAIL

TREAD DETAILS-CLASSIC

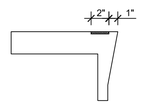
SCALE: 1-1/2"=1'-0"
FILE: STP-0.1-05

5

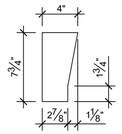
FILE: STP-0.1-06
REV: 01.11.06



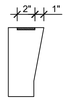
A — MODERN PROFILE



B — MODERN PROFILE WITH INTEGRAL AGGREGATE WARNING DETAIL



C — MODERN PROFILE STARTER STEP



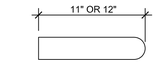
D — MODERN PROFILE STARTER STEP WITH INTEGRAL AGGREGATE WARNING DETAIL

TREAD DETAILS-MODERN

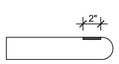
SCALE: 1-1/2"=1'-0"
FILE: STP-0.1-06

6

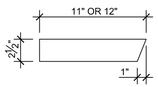
FILE: STP-0.1-07
REV: 01.11.06



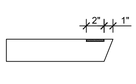
A — BULLNOSE PROFILE



B — BULLNOSE PROFILE WITH INTEGRAL AGGREGATE WARNING DETAIL



C — WEDGE PROFILE



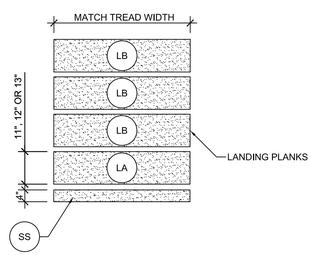
D — WEDGE PROFILE WITH INTEGRAL AGGREGATE WARNING DETAIL

TREAD DETAILS-OPEN

SCALE: 1-1/2"=1'-0"
FILE: STP-0.1-07

7

FILE: STP-0.1-08
REV: 01.11.06



-ALLOW ⅜" TOLERANCE BETWEEN LANDING PLANKS.

STRAIGHT STAIR INTERMEDIATE/ TOP LANDING

SCALE: 1/2"=1'-0"
FILE: STP-0.1-08

8

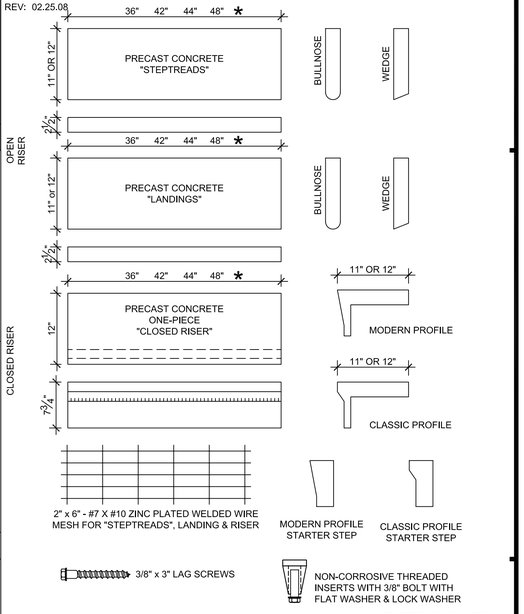
STP-0.1	GENERAL INFORMATION
STP-1.0	LAYOUT FOR WOOD STRINGERS
STP-2.0	LAYOUT FOR STEEL STRINGERS
STP-3.0	WOOD CONNECTION DETAILS
STP-4.0	STEEL CONNECTION DETAILS
STP-4.1	STEEL CONNECTION DETAILS

SHEET INDEX

SCALE: N.T.S.
FILE: STP-0.1-01

1

FILE: STP-0.1-04
REV: 02.25.08



2" x 6" - #7 X #10 ZINC PLATED WELDED WIRE MESH FOR "STEPTREADS", LANDING & RISER

MODERN PROFILE STARTER STEP

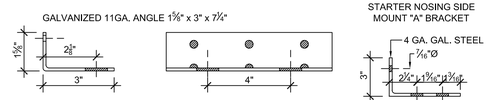
CLASSIC PROFILE STARTER STEP

3/8" x 3" LAG SCREWS

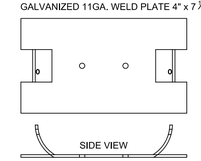
NON-CORROSIVE THREADED INSERTS WITH 3/8" BOLT WITH FLAT WASHER & LOCK WASHER

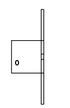
GALVANIZED 11GA. ANGLE 1⅝" x 3" x 7¼"

STARTER NOSING SIDE MOUNT "A" BRACKET

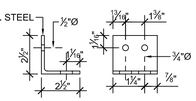


GALVANIZED 11GA. WELD PLATE 4" x 7 ¼"





STARTER NOSING BACK MOUNT "B" BRACKET



1. THIS SHEET IS INTENDED TO BE THE STANDARD PLAN ONLY FOR "STEPSTONE" PRECAST CONCRETE TREAD AND RISER SYSTEM. THE PURPOSE OF THIS STANDARD PLAN IS TO SHOW ONLY THE TREADS AND RISERS AND THEIR DIRECT CONNECTIONS TO THE SUPPORTING STRUCTURE.
2. THIS STANDARD PLAN DOES NOT COVER THE DESIGN OR INSTALLATION OF ANY SUPPORTING STRUCTURE, HANDRAILS OR GUARDRAILS. IT DOES NOT COVER ACCESS REQUIREMENTS.
3. ONLY ITEMS NOTED BY "STEPSTONE" SHALL BE FURNISHED BY "STEPSTONE". SUCH ITEMS SHALL BE INSTALLED BY OTHERS. "STEPSTONE" SHALL NOT BE RESPONSIBLE FOR THE QUALITY OF THE INSTALLATION.
4. ALL ITEMS NOTED AS "NOT BY STEPSTONE" SHALL BE FURNISHED AND INSTALLED BY OTHERS. "STEPSTONE" SHALL NOT BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF SUCH ITEMS.
5. ALL WELDS NOTED AS "NOT BY STEPSTONE" ARE THE MINIMUM SIZE AND LENGTH REQUIRED BY "STEPSTONE" AND SHALL BE MADE BY OTHERS. "STEPSTONE" SHALL NOT BE RESPONSIBLE FOR THE INSPECTION OR QUALITY OF SUCH WELDS.
6. ALL ITEMS HAVE STANDARD MANUFACTURING TOLERANCES.
7. ALLOW ⅛" -¾" CLEARANCE BETWEEN TREADS & STRINGERS ON EACH SIDE.
8. ALL CONCRETE SHALL BE 4,000 P.S.I. (TYPICAL)

★ CUSTOM LENGTHS ARE AVAILABLE.

GENERAL DETAILS

SCALE: N.T.S.
FILE: STP-0.1-04

4

PRECAST CONCRETE TREADS, LANDINGS, AND BALCONIES SHOWN ON PLANS SHALL BE FROM THE "STEPTREAD" SYSTEM BY "STEPSTONE, INC." OF GARDENA, CA. FOR STEEL OR WOOD CONSTRUCTION, THE MANUFACTURER IS TO SUPPLY ALL PRECAST CONCRETE PARTS WITH EACH "STEPTREAD" AND FEATURING EITHER A RECESSED POCKET TO ACCEPT THE HIDDEN SUPPORT ANGLE OR A BOTTOM WELD PLATE. ALL REINFORCING AND CONNECTIONS WILL BE ZINC PLATED.

STEPSTONE, INC.
17025 SOUTH MAIN STREET, GARDENA, CA. 90248
1-800-572-9029
WWW.STEPSTONEINC.COM

REV	BY	DESCRIPTION	DATE
1			
2			
3			

GENERAL INFORMATION

REV: 01.11.06

SHEET NUMBER

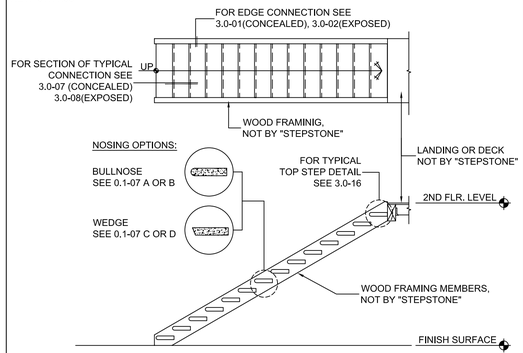
STP-0.1

Stepstone: Stairtread

NOT USED | SCALE: | FILE: | 13

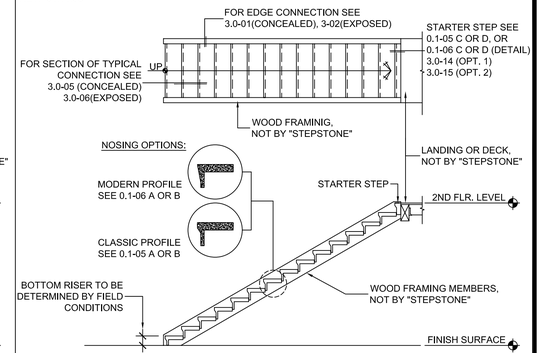
NOT USED | SCALE: | FILE: | 9

FILE: STP-1.0-05
REV: 01.11.06



STRAIGHT STAIRS - OPEN RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-05 | 5

FILE: STP-1.0-01
REV: 01.11.06

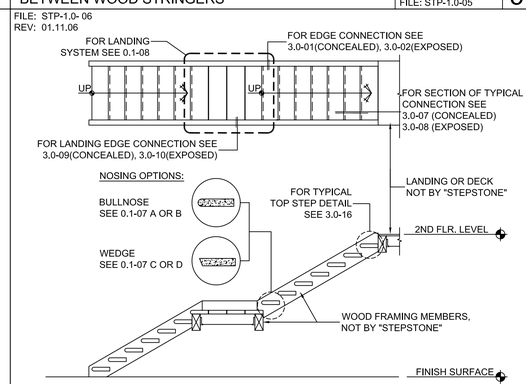


STRAIGHT STAIRS - CLOSED RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-01 | 1

NOT USED | SCALE: | FILE: | 14

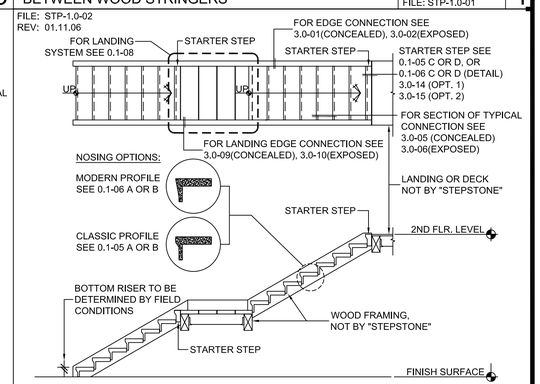
NOT USED | SCALE: | FILE: | 10

FILE: STP-1.0- 06
REV: 01.11.06



STRAIGHT STAIRS WITH INTERMEDIATE LANDING - OPEN RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-06 | 6

FILE: STP-1.0-02
REV: 01.11.06

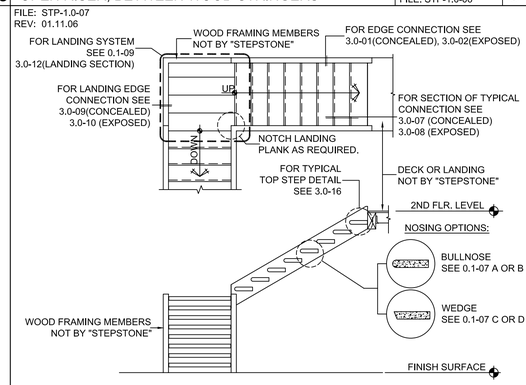


STRAIGHT STAIRS WITH INTERMEDIATE LANDING - CLOSED RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-02 | 2

NOT USED | SCALE: | FILE: | 15

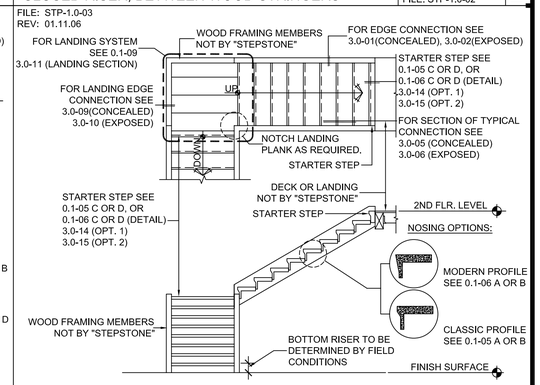
NOT USED | SCALE: | FILE: | 11

FILE: STP-1.0-07
REV: 01.11.06



90° LANDING - OPEN RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-07 | 7

FILE: STP-1.0-03
REV: 01.11.06

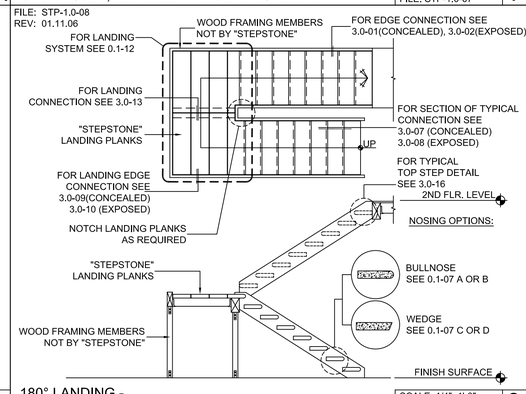


90° LANDING - CLOSED RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-03 | 3

NOT USED | SCALE: | FILE: | 16

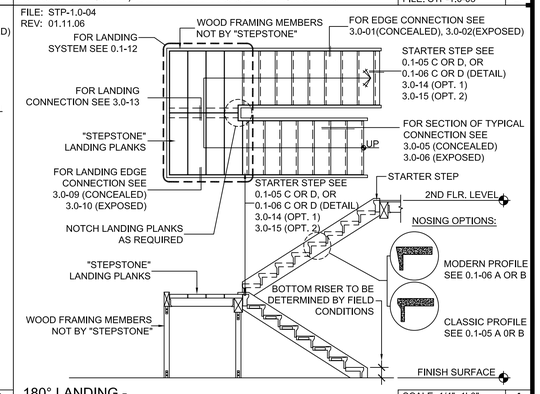
NOT USED | SCALE: | FILE: | 12

FILE: STP-1.0-08
REV: 01.11.06



180° LANDING - OPEN RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-08 | 8

FILE: STP-1.0-04
REV: 01.11.06



180° LANDING - CLOSED RISER, BETWEEN WOOD STRINGERS | SCALE: 1/4"=1'-0" | FILE: STP-1.0-04 | 4

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REV	BY	DESCRIPTION	DATE
1			
2			
3			

LAYOUT FOR WOOD STRINGERS

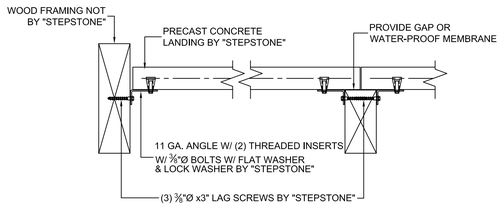
REV: 01.11.06

SHEET NUMBER

STP-1.0

Stepstone: Stairtread

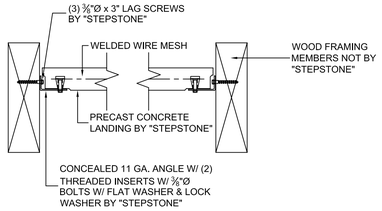
FILE: STP-3.0-13
REV: 01.11.06



180° LANDING SECTION - EXPOSED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-13 | 13

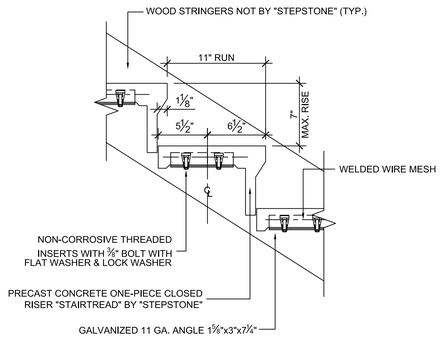
FILE: STP-3.0-09
REV: 08.29.07



LANDING SECTION - CONCEALED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-09 | 9

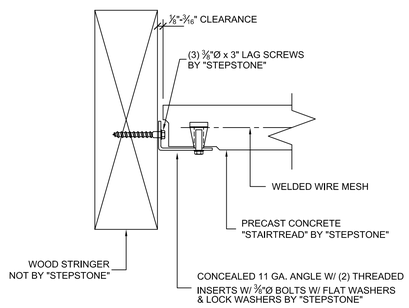
FILE: STP-3.0-05
REV: 08.15.07



CLOSED RISER SECTION - CONCEALED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-05 | 5

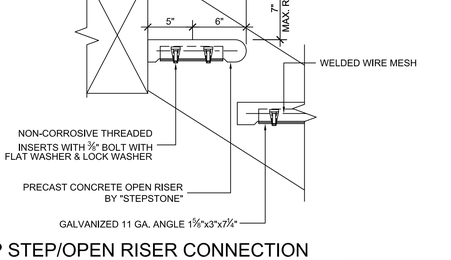
FILE: STP-3.0-01
REV: 01.11.06



STAIR END DETAIL - CONCEALED ANGLE

SCALE: 3"=1'-0" | FILE: STP-3.0-01 | 1

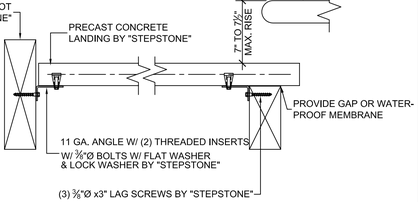
FILE: STP-3.0-14
REV: 01.11.06



STARTER STEP SECTION - OPTION 1 SIDE MOUNT "A" BRACKET

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-14 | 14

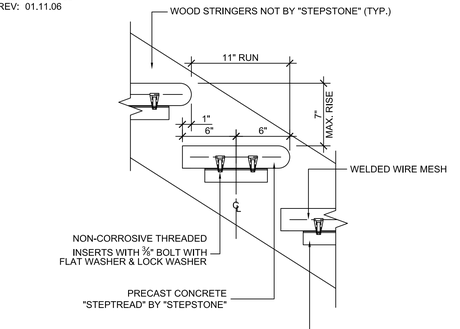
FILE: STP-3.0-10
REV: 01.11.06



LANDING SECTION - EXPOSED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-10 | 10

FILE: STP-3.0-06
REV: 01.11.06



CLOSED RISER SECTION - EXPOSED ANGLE

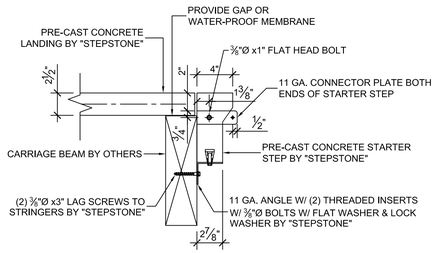
SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-06 | 6

FILE: STP-3.0-02
REV: 01.11.06

STAIR END DETAIL - EXPOSED ANGLE

SCALE: 3"=1'-0" | FILE: STP-3.0-02 | 2

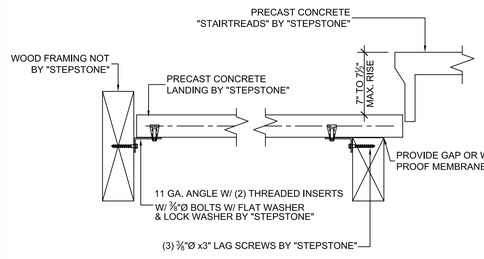
FILE: STP-3.0-15
REV: 01.11.06



STARTER STEP SECTION - OPTION 2 BACK MOUNT "B" BRACKET

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-15 | 15

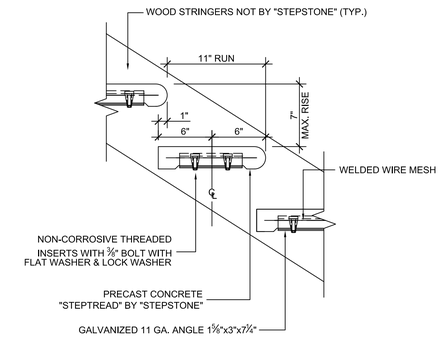
FILE: STP-3.0-11
REV: 01.11.06



90° LANDING SECTION - CLOSED RISER & EXPOSED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-11 | 11

FILE: STP-3.0-07
REV: 08.15.07



OPEN RISER SECTION - CONCEALED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-07 | 7

NOT USED

SCALE: | FILE: | 3

FILE: STP-3.0-16
REV: 01.11.06

TOP STEP/OPEN RISER CONNECTION BETWEEN WOOD STRINGERS, BOLTED

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-16 | 16

FILE: STP-3.0-12
REV: 01.11.06

90° LANDING SECTION - OPEN RISER & EXPOSED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-12 | 12

FILE: STP-3.0-08
REV: 01.11.06

OPEN RISER SECTION - EXPOSED ANGLE

SCALE: 1-1/2"=1'-0" | FILE: STP-3.0-08 | 8

NOT USED

SCALE: | FILE: | 4

STEPSTONE, INC.
17025 SOUTH MAIN STREET, GARDENA, CA. 90248
1-800-572-9029
WWW.STEPSTONEINC.COM

REV	BY	DESCRIPTION	DATE
1			
2			
3			

CONNECTION DETAILS (WOOD STRINGERS)

REV: 01.11.06

SHEET NUMBER

STP-3.0

Stepstone: Stairtread