

TABLE 1 - LAP SPLICE LENGTH (in)

BAR SIZE	CLASS				
#3	A	12"	12"	12"	12"
	B	16"	16"	16"	16"
#4	A	12"	12"	12"	12"
	B	16"	16"	16"	16"
#5	A	15"	13"	12"	12"
	B	19"	16"	16"	16"
#6	A	20"	18"	16"	14"
	B	26"	23"	20"	19"
#7	A	33"	29"	26"	23"
	B	43"	37"	33"	30"
#8	A	42"	36"	32"	29"
	B	54"	47"	42"	38"
#9	A	51"	44"	40"	36"
	B	66"	58"	51"	47"
#10	A	63"	54"	49"	44"
	B	81"	70"	63"	58"
#11	A	75"	65"	58"	53"
	B	97"	84"	75"	69"

NOTES:
PROVIDE CONTINUOUS REINFORCEMENT WHENEVER POSSIBLE; SPLICE ONLY AS SHOWN OR APPROVED; STAGGER SPLICES WHERE POSSIBLE; USE TENSION SPLICE CLASS 'B'.

DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH CLASS 'B' SPLICES.

UNLESS NOTED OTHERWISE LAP LENGTHS SHALL BE OF LENGTHS TABULATED AND AS MODIFIED BY THESE NOTES AND CLASS 'B' SPLICE SHALL BE USED.

WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE SPLICE, MULTIPLY TABULATED VALUES BY 1.3.

FOR LIGHTWEIGHT CONCRETE MULTIPLY THE TABULATED VALUES BY 1.3.

FOR 75ksi REINFORCING, MULTIPLY THE TABULATED VALUES BY 1.25.

ALL FACTORS ARE CUMULATIVE AND NOT MUTUALLY EXCLUSIVE.

IN THE CASE OF SPLICES BETWEEN TWO DIFFERENT BAR SIZES, PROVIDE LAP BASED ON SMALLER BAR SIZE, OR CLASS 'A' OF LARGER BAR SIZE, WHICHEVER IS GREATER.

ANY OTHER SPECIFIC LAPS SHOWN IN DETAILS OR SCHEDULES SHALL BE PERMITTED TO BE USED IN LIEU OF LAP LENGTHS SHOWN HERE.

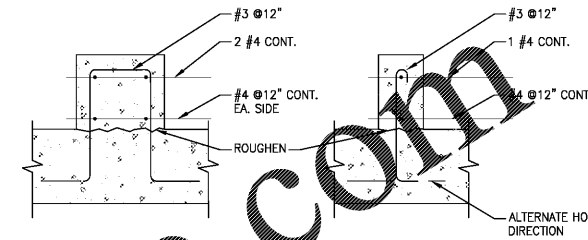
FOR EPOXY COATED REINFORCING BARS, REFER TO ACI SECTION 12.2.4.b

TABLE 1 IS FOR BEAMS, COLUMNS, FOOTINGS, DRILLED PIERS, PILECAPS, BASEMENT AND RETAINING WALLS WITH 1-1/2" (MINIMUM) COVER AND A CLEAR SPACING OF 2 1/4" (MINIMUM) BETWEEN BARS PROVIDED.

TABLE 2 IS FOR SLABS, WALLS, JOISTS, STAIRS, CURBS, AND OTHER ELEMENTS LISTED IN TABLE 1 WITH 3/4" (MINIMUM) COVER AND A CLEAR SPACING OF 1 1/2" (MINIMUM) BETWEEN BARS PROVIDED.

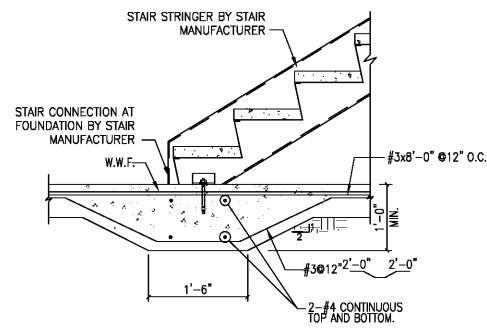
TABLE 2 - LAP SPLICE LENGTH (in)

BAR SIZE	CLASS				
#3	A	12"	12"	12"	12"
	B	16"	16"	16"	16"
#4	A	17"	15"	13"	12"
	B	22"	19"	17"	16"
#5	A	25"	21"	19"	18"
	B	32"	28"	25"	23"
#6	A	33"	29"	26"	24"
	B	43"	37"	34"	31"
#7	A	53"	46"	41"	38"
	B	69"	60"	54"	49"
#8	A	66"	57"	51"	47"
	B	86"	74"	67"	61"
#9	A	80"	69"	62"	57"
	B	104"	90"	81"	74"
#10	A	96"	83"	75"	68"
	B	125"	108"	97"	88"
#11	A	113"	98"	87"	80"
	B	146"	127"	113"	104"

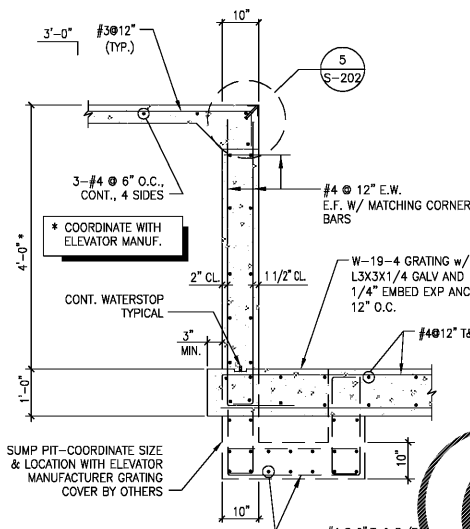


1 REINFORCING LAP SPLICE SCHEDULE
5-202 NOT TO SCALE

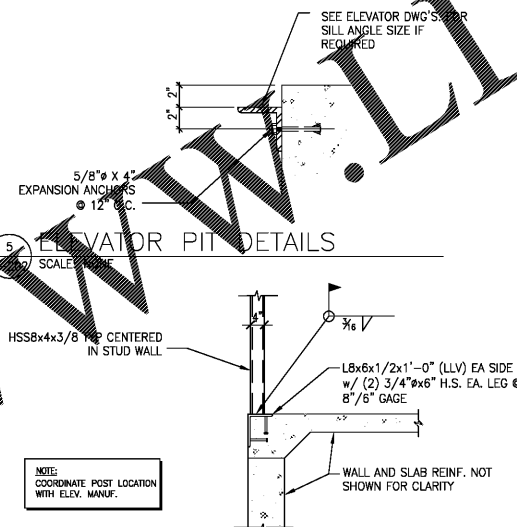
2 TYPICAL CURB REINFORCING
5-202 SCALE: NONE



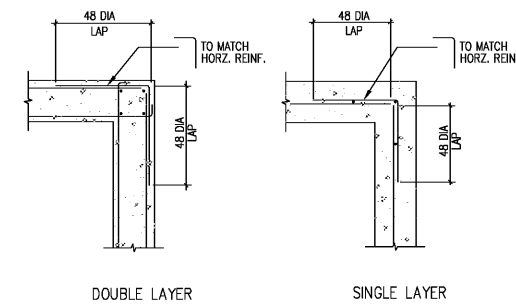
3 TYPICAL DETAIL AT STAIR STRINGER
5-202 SCALE: 3/4"=1'-0"



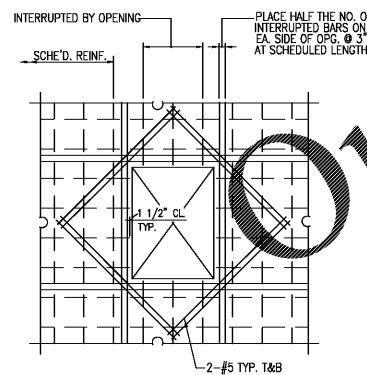
4 SECTION AT ELEVATOR PIT
5-202 SCALE: NONE



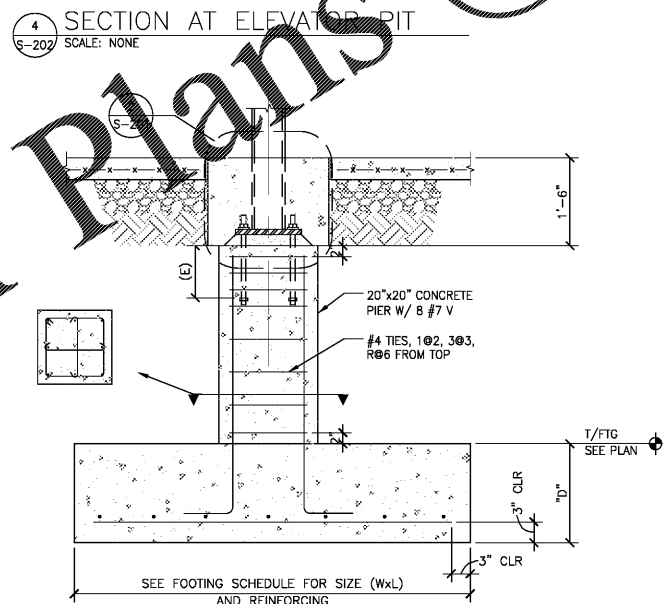
6 TYPICAL ELEVATOR RAIL SUPPORT
5-202 SCALE: NONE



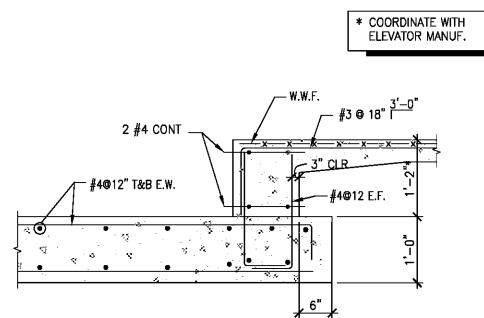
7 WALL CORNER DETAIL
5-202 NOT TO SCALE



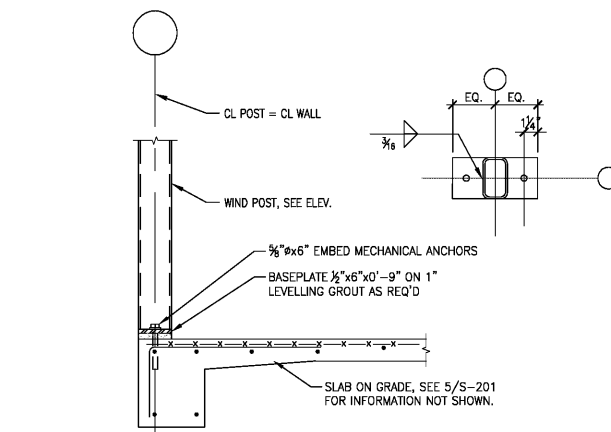
8 TYPICAL SLAB OR WALL OPENING
5-202 NOT TO SCALE



9 CONCRETE PIER DETAIL
5-202 SCALE: NONE



10 LULA ELEVATOR PIT
5-202 SCALE: 3/4"=1'-0"



11 SECTION AT WIND POST
5-202 SCALE: 3/4"=1'-0"

JBG

JEFFERSON BROWNE GRESHAM ARCHITECTS
170 HUNTERTON RD., SUITE 1200
ROCKFORD, CT, GEORGIA 30089
770-438-9949
JEFFERSONBROWNEARCHITECTS.COM

REVISIONS

NO.	DESCRIPTION

LAWSON OFFICE BUILDING
CORE & SHELL
NEWMAN CROSSING BYPASS
NEWMAN, GEORGIA 30963
PROJECT #2843



03/27/2020

SEAL

NOVEMBER 08, 2019

PERMIT SET
RELEASED FOR CONSTRUCTION
RELEASE DATE

FOUNDATION SECTIONS AND DETAILS

DRAWING TITLE

© COPYRIGHT 2019
JEFFERSON BROWNE GRESHAM ARCHITECTS
THIS DOCUMENT AS AN INSTRUMENT OF SERVICE REMAINS THE PROPERTY OF JEFFERSON BROWNE GRESHAM ARCHITECTS AND NO PART THEREOF MAY BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION FROM JEFFERSON BROWNE GRESHAM ARCHITECTS.

Drawn By:
Checked By:
DATE:
PROJECT # **S-202**
18-2843



GOODMAN & GIANNAVOLA STRUCTURAL ENGINEERS
311 14th STREET SUITE 5 ATLANTA, GA 30318 GGSE.US