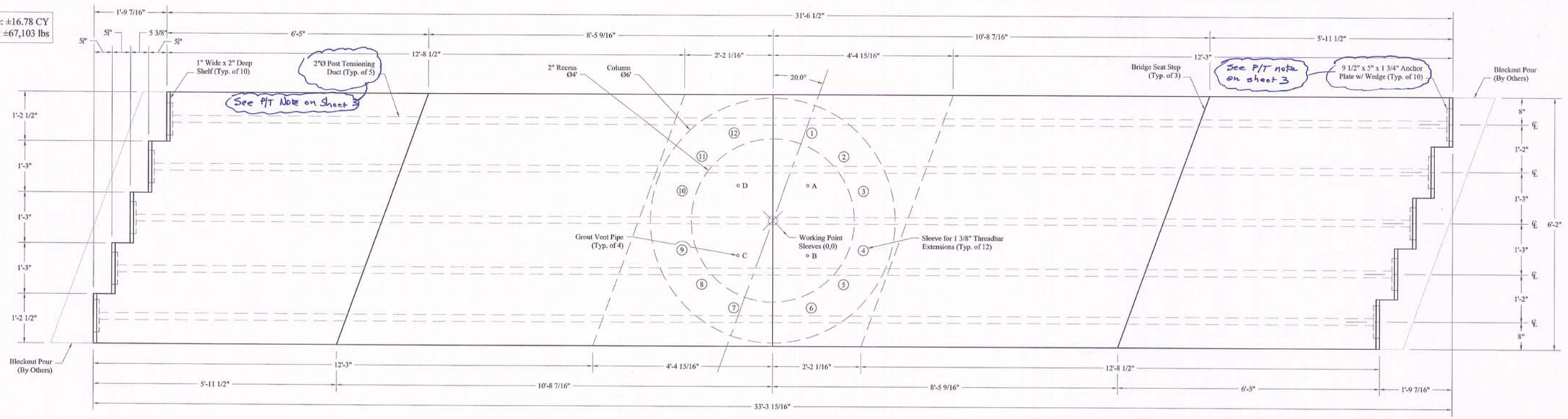
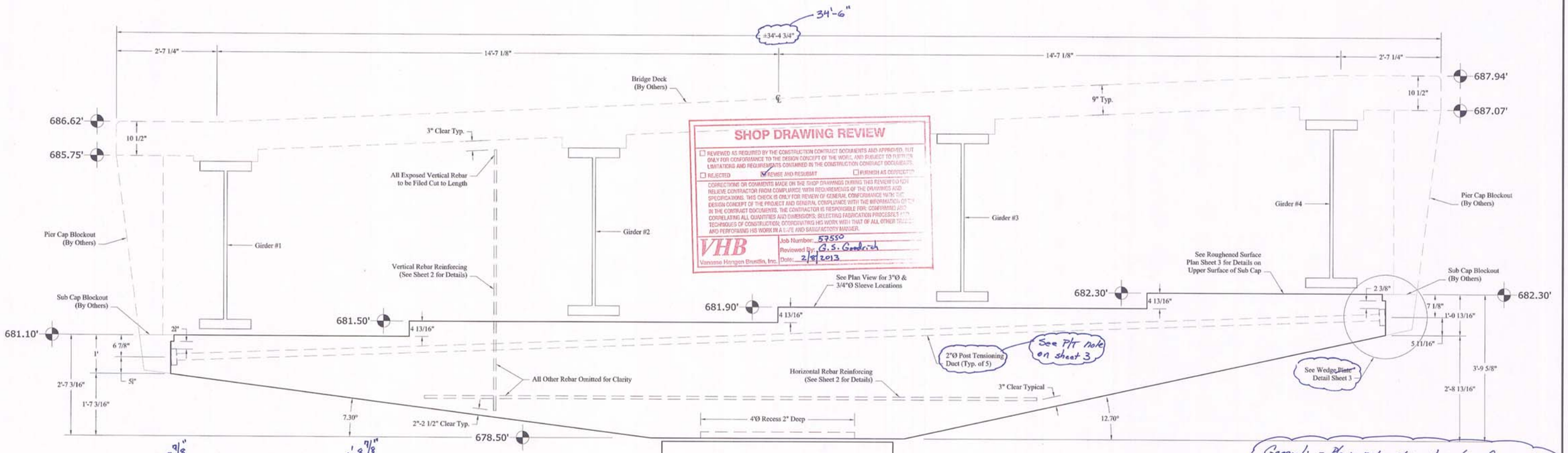
Volume: ±16.78 CY
Weight: ±67,103 lbs



Plan View



SHOP DRAWING REVIEW

☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONTRACT DOCUMENTS.

☐ REJECTED ☑ REVISE AND RESUBMIT ☐ FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc.

Job Number: 57550
Reviewed By: G.S. Goodrich
Date: 2/8/2013

Sleeve Legend & Coordinates

Mark	Ø	X	Y	Mark	Ø	X	Y	Mark	Ø	X	Y
1	3"	11 7/16"	2'-1 11/16"	7	3"	-11 7/16"	-2'-1 11/16"	A	3/4"	10 1/4"	10 1/4"
2	3"	1'-8 7/16"	1'-6 13/16"	8	3"	-1'-8 7/16"	-1'-6 13/16"	B	3/4"	10 1/4"	-10 1/4"
3	3"	2'-2 11/16"	8 11/16"	9	3"	-2'-2 11/16"	-8 11/16"	C	3/4"	-10 1/4"	-10 1/4"
4	3"	2'-2 11/16"	-8 11/16"	10	3"	-2'-2 11/16"	8 11/16"	D	3/4"	-10 1/4"	10 1/4"
5	3"	1'-8 7/16"	-1'-6 13/16"	11	3"	-1'-8 7/16"	1'-6 13/16"				
6	3"	11 7/16"	-2'-1 11/16"	12	3"	-11 7/16"	2'-1 11/16"				

1'-8 7/8"
1'-8 7/8"

Elevation View at ℄

General: - Please note strength & days of concrete on the drawings.
- Please note type and distribution of reinforcing steel to be used in components.

SD Ireland PRECAST DIVISION

PROJECT NAME: JAMAICA	
PROJECT NUMBER: ER-BRF 013-1(16)	
PRECAST SUB-CAP PRODUCTION DRAWING SET	
DRAWING: PLAN LAYOUT & ELEVATION VIEW	
DRAWN BY: CD	DATE: 01/29/13
APPROVED BY: TD	SHEET: 1 OF 4

indicate minimum lap splice btwn. 6B7, 6B14 with 6B15 and 6B6, 6B13 with 6B20

confirm bar mark (461 on sheet 4?)

confirm bar mark (E22 on sheet 4?)

Horizontal Reinforcing

(3) 3F1 (Typ. of 10)

3" Clear Typical for All Horizontal Reinforcing

1: 6A7
2: 6A12
3: 6A13
4: 6A20
5: 7A1
6: 7A2
7R: 6B7
7L: 6B14
7C: 6B15

1: 6A6
2: 6A12
3: 6A13
4: 6A19
5: ---
6: ---
7R: 6B6
7L: 6B13
7C: 6B20

1: 6A5
2: 6A11
3: 6A13
4: 6A18
5: ---
6: ---
7R: 6B5
7L: 6B12
7C: 6B19

1: 6A4
2: 6A10
3: 6A13
4: 6A17
5: ---
6: ---
7R: 6B4
7L: 6B11
7C: 6B18

Rotation of Reinforcing is Allowable in Order to Avoid Pipe Interference

6C3 6C4 6C5 6C6/6C11* 6C7/6C12* 6C8/6C13* 6C9 6C10

Rotation of Reinforcing is Allowable in Order to Avoid Pipe Interference

* See Additional Reinforcing Detail Located on Sheet 3

1: 6A3
2: 6A9
3: 6A13
4: 6A16
5: ---
6: ---
7R: 6B3
7L: 6B10
7C: 6B17

1: 6A2
2: 6A9
3: 6A13
4: 6A15
5: ---
6: ---
7R: 6B2
7L: 6B9
7C: 6B16

1: 6A1
2: 6A8
3: 6A13
4: 6A14
5: 7A1
6: 7A2
7R: 6B1
7L: 6B8
7C: 6B15

2"-2 1/4" Clear Typical for All Vertical Reinforcing

4E1 Spacing

For Vertical Reinforcing Call Outs See Section B & Section C Located on Sheet 3

F ±11 1/4" E ±11 1/4" D ±11 1/4" C ±11 1/4" B ±11 1/4" A

3 3/8" 3 3/8"

3 1/2" 1'-2" 1'-3" 9" 1'-3" 1'-2" 3 1/2"

Typical of All Ties (Centered About Post Tensioning Duct)

3 1/4" 3" 3"

6C10 6C9 6C8 6C7 6C6 6C5 6C4 6C3

Shaded Regions Indicate Possible Interference, Adjust Dowel Bar Sub & Horizontal Reinforcing as Needed (Typical of 4 Locations)

Plan View

AD: 6C1 B: 6E1 CF: 6C1 E: 6E1 AF: 6D1 — B: 6E2 C: 6E2 D: 6E2 E: 6E2 AF: 6A21 AF: 6D2 — AD: 6C1 B: 6E5 CF: 6C1 E: 6E5 AF: 6D5 — AD: 6C1 B: 6E6 CF: 6C1 E: 6E6 AF: 6D6 — AD: 6C1 B: 6E9 CF: 6C1 E: 6E9 AF: 6D9 — AD: 6C1 B: 6E10 CF: 6C1 E: 6E10 AF: 6D10 — AD: 6C1 B: 6E13 CF: 6C1 E: 6E13 AF: 6D13 — AD: 6C1 B: 6E14 CF: 6C1 E: 6E14 AF: 6D14 — AD: 6C1 B: 6E17 CF: 6C1 E: 6E17 AF: 6D17 — AD: 6C1 B: 6E18 CF: 6C1 E: 6E18 AF: 6D18 — AD: 6C1 B: 6E21 CF: 6C1 E: 6E21 AF: 6D21 — B: 6F22 C: 6F22 D: 6F22 E: 6F22 AF: 6A21 AF: 6D22 — AD: 6C1 B: 6E25 CF: 6C1 E: 6E25 AF: 6D25 — AD: 6C1 B: 6E26 CF: 6C1 E: 6E26 AF: 6D26 — AD: 6C1 B: 6E29 CF: 6C1 E: 6E29 AF: 6D29 — AD: 6C1 B: 6E29 CF: 6C1 E: 6E29 AF: 6D29 — AD: 6C2 B: 6E29 CF: 6C1 E: 6E36 AF: 6D29 — AD: 6C1 B: 6E36 CF: 6C1 E: 6E36 AF: 6D29 — AD: 6C1 B: 6E37 CF: 6C1 E: 6E37 AF: 6D37 — AD: 6C1 B: 6E37 CF: 6C1 E: 6E37 AF: 6D37 — AD: 6C1 B: 6E41 CF: 6C1 E: 6E41 AF: 6D41 — AD: 6C1 B: 6E44 CF: 6C1 E: 6E44 AF: 6D44 — B: 6F42 C: 6F42 D: 6F42 E: 6F42 AF: 6A21 AF: 6D42 — AD: 6C1 B: 6E45 CF: 6C1 E: 6E45 AF: 6D45 — AD: 6C1 B: 6E48 CF: 6C1 E: 6E48 AF: 6D48 — AD: 6C1 B: 6E49 CF: 6C1 E: 6E49 AF: 6D49 — AD: 6C1 B: 6E52 CF: 6C1 E: 6E52 AF: 6D52 — AD: 6C1 B: 6E15 CF: 6C1 E: 6E15 AF: 6D15 — AD: 6C1 B: 6E56 CF: 6C1 E: 6E56 AF: 6D56 — AD: 6C1 B: 6E60 CF: 6C1 E: 6E60 AF: 6D60 — AD: 6C1 B: 6E57 CF: 6C1 E: 6E57 AF: 6D57 — AD: 6C1 B: 6E61 CF: 6C1 E: 6E61 AF: 6D61 — AD: 6C1 B: 6E64 CF: 6C1 E: 6E64 AF: 6D64

4 7/8" 8 1/16" 8" 8 7/16" 4 Spaces at 4 1/2" 6" 6" 6" 6" 6" 6" 6" 6" 6" 4 Spaces at 4 1/2" 8 7/16" 8" 8 7/16" 4 Spaces at 3 1/4" 6 3/8" 8 1/8" 6 3/4" 6 3/4" 8" 6 3/4" 6 3/4" 8 1/8" 6 3/8" 4 Spaces at 3 1/4" 8 7/16" 8" 8 7/16" 4 Spaces at 4 1/2" 6" 6" 6" 6" 6" 6" 6" 6" 6" 4 Spaces at 4 1/2" 8 7/16" 8" 8 1/16" 4 7/8"

Line to Field Cut Vert. Rebar

For Horizontal Reinforcing Call Outs See Section B & Section C Located on Sheet 3

1 4 13/16" 2 4 13/16" 3 4 13/16" 4 7 1/8" 5 8 1/8" 6 7 3/8" 7 2"

Horizontal Reinforcing

3 3/16"

#4 Dowel Bar Sub

B: 6E3 C: 6E3 D: 6E3 E: 6E3 AF: 6A21 AF: 6D3 — AD: 6C1 B: 6E4 CF: 6C1 E: 6E4 AF: 6D4 — AD: 6C1 B: 6E7 CF: 6C1 E: 6E7 AF: 6D7 — AD: 6C1 B: 6E8 CF: 6C1 E: 6E8 AF: 6D8 — AD: 6C1 B: 6E11 CF: 6C1 E: 6E11 AF: 6D11 — AD: 6C1 B: 6E12 CF: 6C1 E: 6E12 AF: 6D12 — AD: 6C1 B: 6E15 CF: 6C1 E: 6E15 AF: 6D15 — AD: 6C1 B: 6E16 CF: 6C1 E: 6E16 AF: 6D16 — AD: 6C1 B: 6E19 CF: 6C1 E: 6E19 AF: 6D19 — AD: 6C1 B: 6E20 CF: 6C1 E: 6E20 AF: 6D20 — B: 6F23 C: 6F23 D: 6F23 E: 6F23 AF: 6A21 AF: 6D23 — AD: 6C1 B: 6E24 CF: 6C1 E: 6E24 AF: 6D24 — AD: 6C1 B: 6E26 CF: 6C1 E: 6E26 AF: 6D26 — AD: 6C1 B: 6E26 CF: 6C1 E: 6E26 AF: 6D26 — AD: 6C1 B: 6E29 CF: 6C1 E: 6E29 AF: 6D29 — AD: 6C1 B: 6E29 CF: 6C2 E: 6E36 AF: 6D29 — AD: 6C1 B: 6E36 CF: 6C1 E: 6E36 AF: 6D36 — AD: 6C1 B: 6E36 CF: 6C1 E: 6E36 AF: 6D36 — AD: 6C1 B: 6E37 CF: 6C1 E: 6E37 AF: 6D37 — AD: 6C1 B: 6E40 CF: 6C1 E: 6E40 AF: 6D40 — B: 6F43 C: 6F43 D: 6F43 E: 6F43 AF: 6A21 AF: 6D43 — AD: 6C1 B: 6E46 CF: 6C1 E: 6E46 AF: 6D46 — AD: 6C1 B: 6E47 CF: 6C1 E: 6E47 AF: 6D47 — AD: 6C1 B: 6E50 CF: 6C1 E: 6E50 AF: 6D50 — AD: 6C1 B: 6E51 CF: 6C1 E: 6E51 AF: 6D51 — AD: 6C1 B: 6E54 CF: 6C1 E: 6E54 AF: 6D54 — AD: 6C1 B: 6E55 CF: 6C1 E: 6E55 AF: 6D55 — AD: 6C1 B: 6E58 CF: 6C1 E: 6E58 AF: 6D58 — AD: 6C1 B: 6E59 CF: 6C1 E: 6E59 AF: 6D59 — B: 6E62 C: 6E62 D: 6E62 E: 6E62 AF: 6A21 AF: 6D62 — B: 6F63 C: 6F63 D: 6F63 E: 6F63 AF: 6A21 AF: 6D63

Section A

Notes:

1. Horizontal Reinforcing Call Out 7 is Divided into 3 Separate Bars Consisting of 7L (Left), 7C (Center) & 7R (Right) Based on Their Location Relative to Section A Sheet 2
2. Concrete Shall Have a Minimum 28 Days Compressive Strength of 6,000 PSI
3. Precast Sub Cap Shall be Poured in the Upright Position and Handled in the Upright Position Only Using Methods Shown on Lifting Handling Detail Located on Sheet 4

SHOP DRAWING REVIEW

☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.
☐ REVISE AND RESUBMIT
☐ REJECTED
☐ REMARK AS CORRECTED

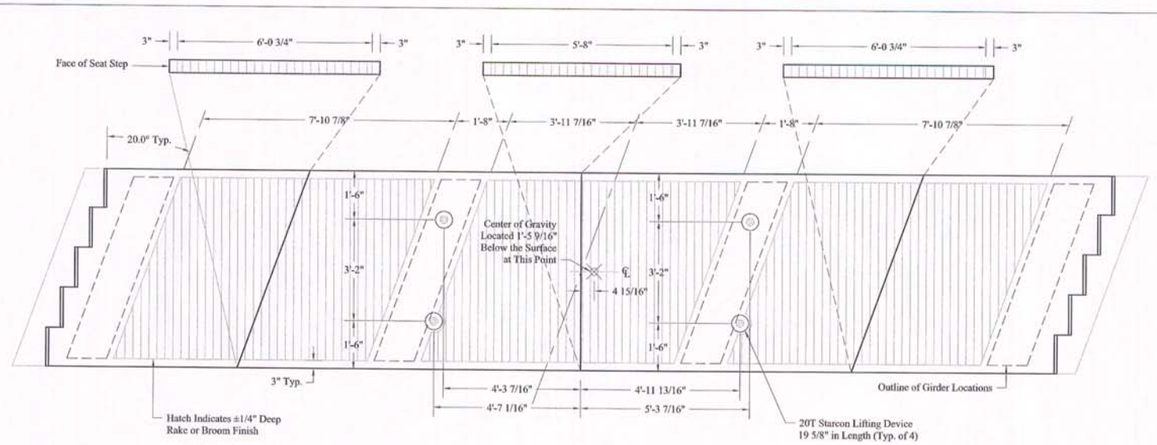
CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWING DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc.

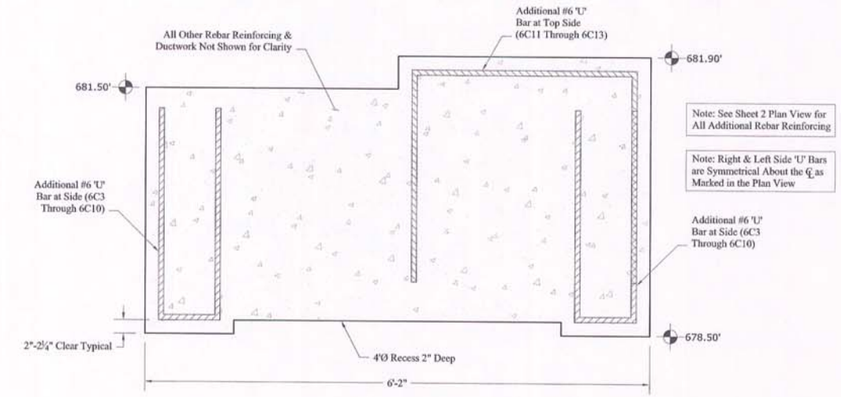
Job Number: 57550
Reviewed By: GS. Gordon
Date: 3/6/13

SD Ireland PRECAST DIVISION

PROJECT NAME: JAMAICA	
PROJECT NUMBER: ER-BRF 013-1(16)	
PRECAST SUB-CAP PRODUCTION DRAWING SET	
DRAWING: REBAR REINFORCING PLAN & SECTION	
DRAWN BY: CD	DATE: 01/29/13
APPROVED BY: TD	SHEET: 2 OF 4

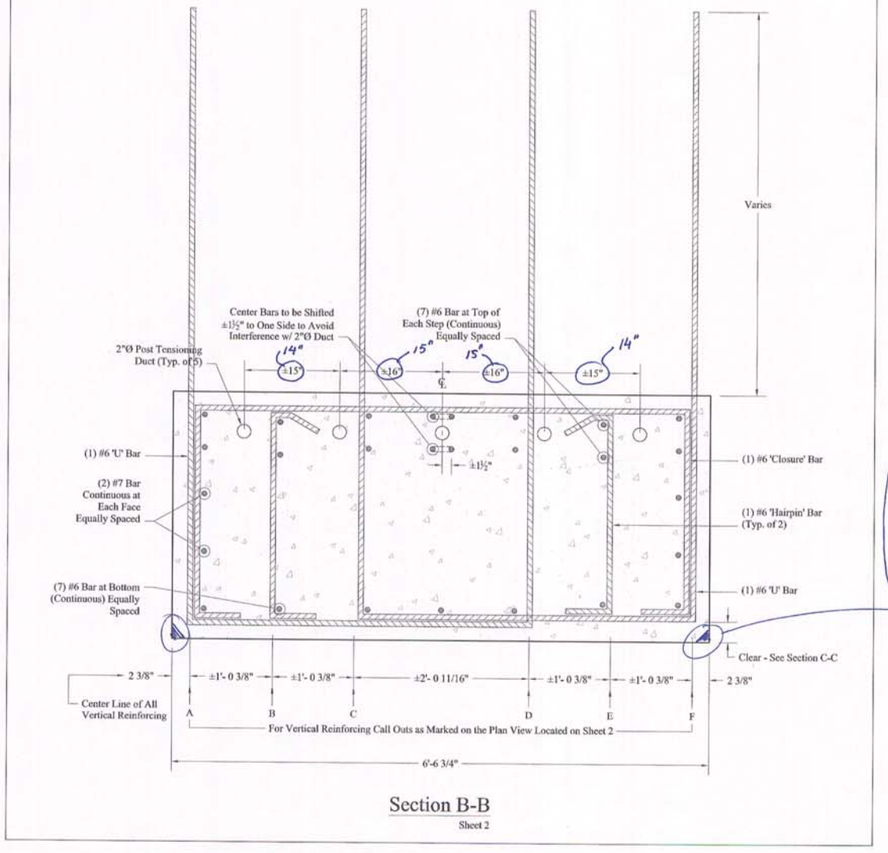


Lifting Insert & Roughened Surface Plan



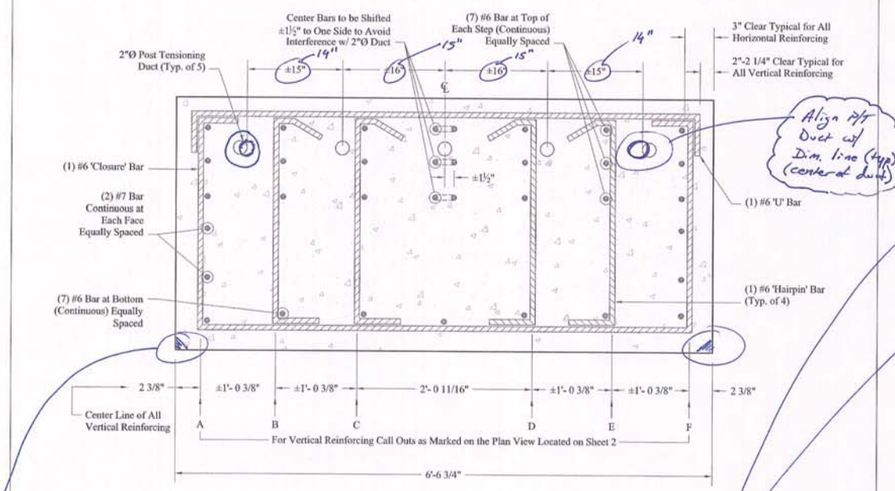
Additional Reinforcing Detail

Sheet 1



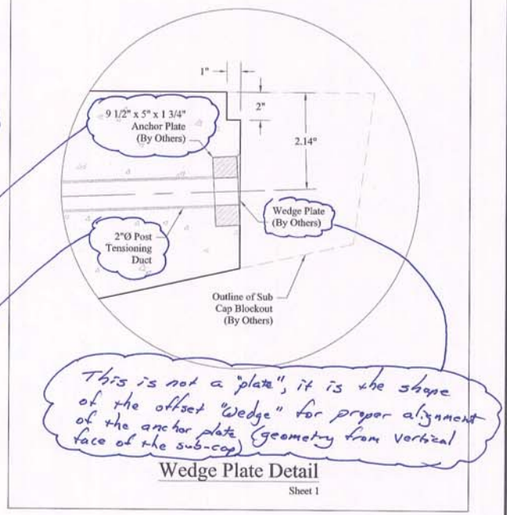
Section B-B

Sheet 2



Section C-C

Sheet 2



Wedge Plate Detail

Sheet 1

1"x1" chamfer on bottom edge of cap (typ.) (Exposed edges only)

* See Post-Tensioning Special Provision *

The Post-tensioning system, including anchor plate, and duct, shall conform to the Post-Tensioning special provision for this project. The anchor plate shall be embedded in the sub-cap as shown, and is part of a proprietary system as noted in the special provision (3 systems are approved for use in this project). The 2"ø duct is also specific to the p/t system. The p/t system proposed by the contractor shall be submitted for approval as noted in the special provision. Please note the system to be used on this project and submit the system components for approval.

SHOP DRAWING REVIEW

☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

☐ REJECTED ☑ REVISE AND RESUBMIT ☐ FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc.

Job Number: 57550
Reviewed By: G.S. Goodrich
Date: 2/8/2013

SD Ireland PRECAST DIVISION

PROJECT NAME: JAMAICA	
PROJECT NUMBER: ER-BRF 013-1(16)	
PRECAST SUB-CAP PRODUCTION DRAWING SET	
DRAWING: REBAR SHEDULE & FORM LINER/LIFTING DEVICE PLAN	
DRAWN BY: CD	DATE: 01/29/13
APPROVED BY: TD	SHEET: 3 OF 4

Bar List - Horizontal Reinforcing

Mark	# Total	Length	Type	A	B	C	*
6A1	1	5'-6 1/4"	1	66 1/4"			
6A2	1	5'-5"	1	65"			
6A3	1	5'-9"	1	69"			
6A4	1	5'-7 3/4"	1	67 3/4"			
6A5	1	5'-6 1/2"	1	66 1/2"			
6A6	1	5'-5 1/4"	1	65 1/4"			
6A7	1	5'-9 1/2"	1	69 1/2"			
6A8	1	16'-2"	1	194"			
6A9	2	15'-8 1/2"	1	188 1/2"			
6A10	1	15'-3 1/4"	1	183 1/4"			
6A11	1	14'-9 3/4"	1	177 3/4"			
6A12	2	14'-4 1/2"	1	172 1/2"			
6A13	7	23'-8 1/2"	1	284 1/2"			
6A14	1	28'-2 1/4"	1	338 1/4"			
6A15	1	27'-10 1/4"	1	334 1/4"			
6A16	1	27'-11 1/2"	1	335 1/2"			
6A17	1	28'-0 3/4"	1	336 3/4"			
6A18	1	28'-2"	1	338"			
6A19	1	27'-10"	1	334"			
6A20	1	27'-11 1/4"	1	335 1/4"			
6A21	8	7'-2 1/4"	3	74 1/2"	6"	6"	
7A1	2	24'-3 3/4"	1	291 3/4"			
7A2	2	15'-10 3/4"	1	190 1/4"			
6B1	1	12'-3 3/4"	1	147 3/4"			
6B2	1	12'-2 1/2"	1	146 1/2"			
6B3	1	12'-6 3/4"	1	150 3/4"			
6B4	1	12'-5 1/2"	1	149 1/2"			
6B5	1	12'-4"	1	148"			
6B6	1	12'-2 3/4"	1	146 3/4"			
6B7	1	12'-7"	1	151"			
6B8	1	12'-4 1/2"	1	148 1/2"			
6B9	1	12'-0 1/2"	1	144 1/2"			
6B10	1	12'-1 3/4"	1	145 3/4"			
6B11	1	12'-3"	1	147"			
6B12	1	12'-4 1/4"	1	148 1/4"			
6B13	1	12'-0 1/4"	1	144 1/4"			
6B14	1	12'-1 1/2"	1	145 1/2"			
6B15	2	11'-8 1/2"	2a	78 1/2"			
6B16	1	12'-0 1/2"	2b	18 3/4"	24 1/2"	35"	
6B17	1	12'-0 1/2"	2b	10 3/4"	48 3/4"	18 3/4"	
6B18	1	12'-0 1/2"	2b	12 1/4"	54"	12 1/4"	
6B19	1	12'-0 1/2"	2b	19"	48 3/4"	10 1/2"	
6B20	1	12'-0 1/2"	2b	35 1/4"	24 1/2"	18 1/2"	

1/2

3/4

Bar List - Vertical Reinforcing

Mark	# Total	Length	Type	A	B	C	*
6C1	126	20'-0"	3	50"	95"	95"	
6C2	2	14'-7"	3	50"	95"	30"	
6C3	2	6'-7 1/2"	3	17 1/2"	31"	31"	
6C4	2	6'-0 1/2"	3	10 1/2"	31"	31"	
6C5	2	5'-11 1/4"	3	9 1/4"	31"	31"	
6C6	2	6'-0"	3	10"	31"	31"	
6C7	2	6'-2 1/2"	3	12 1/2"	31"	31"	
6C8	2	6'-6 1/2"	3	16 1/2"	31"	31"	
6C9	2	7'-0 1/2"	3	22 1/2"	31"	31"	
6C10	2	8'-1"	3	35"	31"	31"	
6C11	1	6'-8"	3	18"	31"	31"	
6C12	1	8'-7 1/4"	3	41 1/4"	31"	31"	
6C13	1	10'-3 1/4"	3	61 1/4"	31"	31"	

confirm

Bar List - Vertical Reinforcing

Mark	# Total	Length	Type	A	B	C	*
6D1	1	8'-7 1/4"	4	74 1/4"	8 1/2"	8 1/2"	
6D2	1	8'-9 1/4"	4	74 1/4"	9 1/2"	9 1/2"	
6D3	1	8'-11 1/4"	4	74 1/4"	10 1/2"	10 1/2"	
6D4	1	9'-1 1/2"	4	74 1/4"	11 5/8"	11 5/8"	
6D5	1	9'-2 1/2"	4	74 1/4"	12 1/8"	12 1/8"	
6D6	1	9'-3 3/4"	4	74 1/4"	12 3/4"	12 3/4"	
6D7	1	9'-5"	4	74 1/4"	13 3/8"	13 3/8"	
6D8	1	9'-6 1/4"	4	74 1/4"	14"	14"	
6D9	1	9'-7 3/4"	4	74 1/4"	14 3/4"	14 3/4"	
6D10	1	9'-9 1/4"	4	74 1/4"	15 1/2"	15 1/2"	
6D11	1	9'-10 3/4"	4	74 1/4"	16 1/4"	16 1/4"	
6D12	1	10'-0 1/4"	4	74 1/4"	17"	17"	
6D13	1	10'-11 1/4"	4	74 1/4"	22 1/2"	22 1/2"	
6D14	1	11'-1"	4	74 1/4"	23 3/8"	23 3/8"	
6D15	2	11'-2 1/2"	4	74 1/4"	24 1/8"	24 1/8"	
6D16	1	11'-4"	4	74 1/4"	24 7/8"	24 7/8"	
6D17	1	11'-5 1/2"	4	74 1/4"	25 5/8"	25 5/8"	
6D18	1	11'-6 3/4"	4	74 1/4"	26 1/4"	26 1/4"	
6D19	1	11'-7 3/4"	4	74 1/4"	26 3/4"	26 3/4"	
6D20	1	11'-9"	4	74 1/4"	27 3/8"	27 3/8"	
6D21	1	11'-10 1/4"	4	74 1/4"	28"	28"	
6D22	1	12'-0 1/4"	4	74 1/4"	29"	29"	
6D23	1	12'-0 1/2"	4	74 1/4"	30 1/8"	30 1/8"	
6D24	1	12'-4 1/2"	4	74 1/4"	31 1/8"	31 1/8"	
6D25	1	12'-5 1/4"	4	74 1/4"	31 1/2"	31 1/2"	
6D26	3	12'-6 1/4"	4	74 1/4"	32"	32"	
6D29	6	12'-2 1/4"	4	74 1/4"	30"	30"	
6D36	2	12'-11 3/4"	4	74 1/4"	34 3/4"	34 3/4"	
6D37	3	13'-3 3/4"	4	74 1/4"	36 3/4"	36 3/4"	
6D40	1	13'-2 3/4"	4	74 1/4"	36 1/4"	36 1/4"	
6D41	1	13'-1 1/4"	4	74 1/4"	35 1/2"	35 1/2"	
6D42	1	12'-9 1/4"	4	74 1/4"	33 1/2"	33 1/2"	
6D43	1	12'-5 3/4"	4	74 1/4"	31 3/4"	31 3/4"	
6D44	1	12'-2"	4	74 1/4"	29 7/8"	29 7/8"	
6D45	1	12'-0"	4	74 1/4"	28 7/8"	28 7/8"	
6D46	1	11'-10"	4	74 1/4"	27 7/8"	27 7/8"	
6D47	1	11'-8"	4	74 1/4"	26 7/8"	26 7/8"	
6D48	1	11'-4"	4	74 1/4"	25 7/8"	25 7/8"	
6D49	1	11'-1 1/2"	4	74 1/4"	24 5/8"	24 5/8"	
6D50	1	11'-0 3/4"	4	74 1/4"	23 1/4"	23 1/4"	
6D51	1	10'-10 1/4"	4	74 1/4"	22"	22"	
6D52	1	10'-5 1/2"	4	74 1/4"	20 5/8"	20 5/8"	
6D54	1	10'-10"	4	74 1/4"	22 7/8"	22 7/8"	
6D55	1	10'-7 1/4"	4	74 1/4"	21 1/2"	21 1/2"	
6D56	1	10'-4 3/4"	4	74 1/4"	20 1/4"	20 1/4"	
6D57	1	10'-2"	4	74 1/4"	18 7/8"	18 7/8"	
6D58	1	10'-0"	4	74 1/4"	17 7/8"	17 7/8"	
6D59	1	10'-0"	4	74 1/4"	16 7/8"	16 7/8"	
6D60	1	9'-10 1/4"	4	74 1/4"	16"	16"	
6D61	1	9'-8 1/4"	4	74 1/4"	15"	15"	
6D62	1	9'-4 1/4"	4	74 1/4"	13 1/8"	13 1/8"	
6D63	1	9'-1"	4	74 1/4"	11 3/8"	11 3/8"	
6D64	1	8'-9 1/2"	4	74 1/4"	9 5/8"	9 5/8"	

Confirm dimensions (A, B, + C do not add to proper full length)

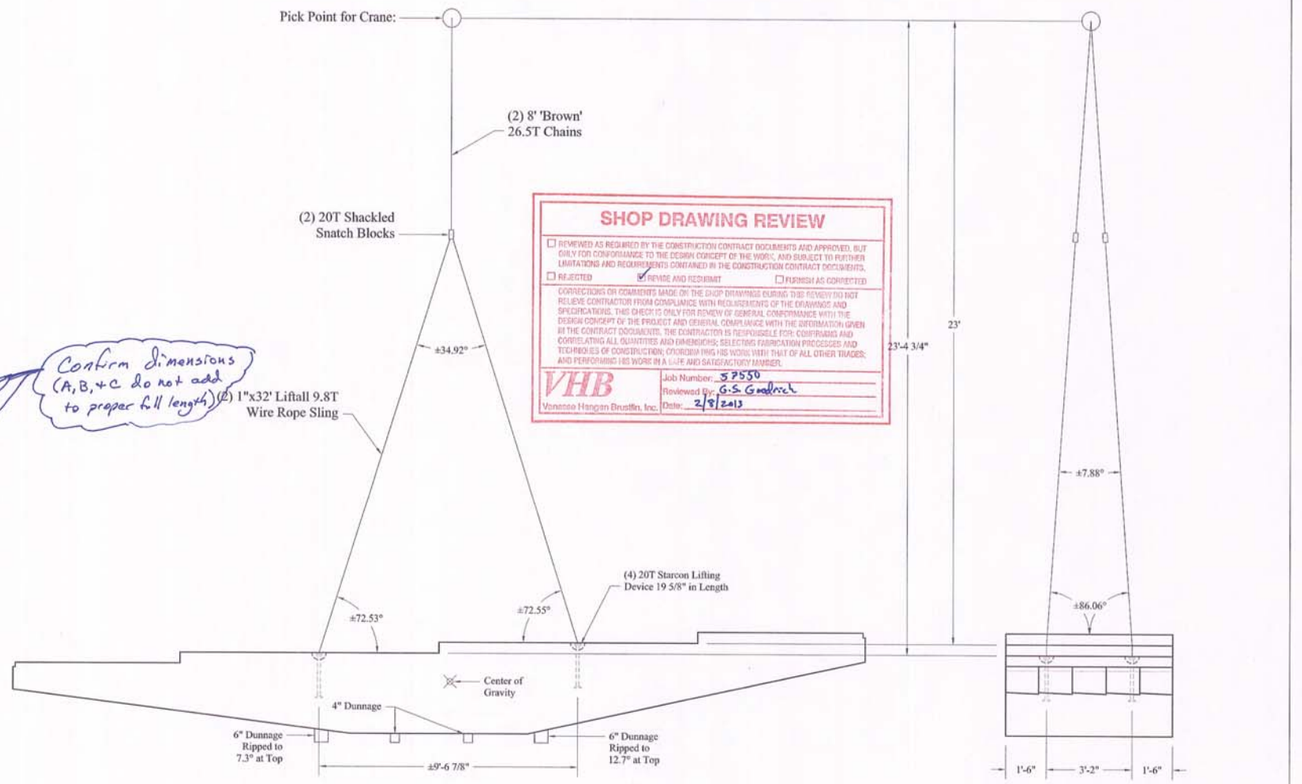
Bar List - Ties

Mark	# Total	Length	Type	A	B	C	*
3F1	30	3'-4"	7	10"	6"	8"	

Bar List - Dowel Bar Subs

Mark	# Total	Length	Type	A	B	C	*
4G1	12	2'-3"	5	27"	---		

Confirm (See sheet 2)



SHOP DRAWING REVIEW

☐ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.
☐ REJECTED ☑ REVISE AND RESUBMIT ☐ FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc.
Job Number: 57550
Reviewed By: G.S. Goodrich
Date: 2/8/2013

Elevation View

End View

Bar List - Hairpins

Mark	# Total	Length	Type	A	*
6E1	2	1-11 1/2"	6	8 1/2"	
6E2	4	2'-0 1/2"	6	9 1/2"	
6E3	4	2'-1 1/2"	6	10 1/2"	
6E4	2	2'-2 5/8"	6	11 5/8"	
6E5	2	2'-3 1/8"	6	12 1/8"	
6E6	2	2'-3 3/4"	6	12 3/4"	
6E7	2	2'-4 3/8"	6	13 3/8"	
6E8	2	2'-5"	6	14"	
6E9	2	2'-5 3/4"	6	14 3/4"	
6E10	2	2'-6 1/2"	6	15 1/2"	
6E11	2	2'-7 1/4"	6	16 1/4"	
6E12	2	2'-8"	6	17"	
6E13	2	3'-1 1/2"	6	22 1/2"	
6E14	2	3'-2 3/8"	6	23 3/8"	

Bar List - Hairpins

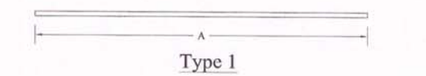
Mark	# Total	Length	Type	A	*
6E15	4	3'-3 1/8"	6	24 1/8"	
6E16	2	3'-3 7/8"	6	24 7/8"	
6E17	2	3'-4 5/8"	6	25 5/8"	
6E18	2	3'-5 1/4"	6	26 1/4"	
6E19	2	3'-5 3/4"	6	26 3/4"	
6E20	2	3'-6 3/8"	6	27 3/8"	
6E21	2	3'-7"	6	28"	
6E22	4	3'-8"	6	29"	
6E23	4	3'-9 1/8"	6	30 1/8"	
6E24	2	3'-10 1/8"	6	31 1/8"	
6E25	2	3'-10 1/2"	6	31 1/2"	
6E26	6	3'-11"	6	32"	
6E29	8	3'-9"	6	30"	
6E36	8	4'-1 3/4"	6	34 3/4"	

Bar List - Hairpins

Mark	# Total	Length	Type	A	*
6E37	6	4'-3 3/4"	6	36 3/4"	
6E40	2	4'-3 1/4"	6	36 1/4"	
6E41	2	4'-2 1/2"	6	35 1/2"	
6E42	4	4'-0 1/2"	6	33 1/2"	
6E43	4	3'-10 3/4"	6	31 3/4"	
6E44	2	3'-8 7/8"	6	29 7/8"	
6E45	2	3'-7 7/8"	6	28 7/8"	
6E46	2	3'-6 7/8"	6	27 7/8"	
6E47	2	3'-5 7/8"	6	26 7/8"	
6E48	2	3'-4 7/8"	6	25 7/8"	
6E49	2	3'-3 5/8"	6	24 5/8"	
6E50	2	3'-2 1/4"	6	23 1/4"	
6E51	2	3'-1"	6	22"	
6E52	2	2'-11 5/8"	6	20 5/8"	

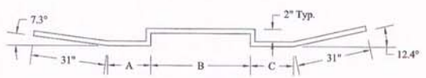
Bar List - Hairpins

Mark	# Total	Length	Type	A	*
6E54	2	3'-1 7/8"	6	22 7/8"	
6E55	2	3'-0 1/2"	6	21 1/2"	
6E56	2	2'-11 1/4"	6	20 1/4"	
6E57	2	2'-9 7/8"	6	18 7/8"	
6E58	2	2'-8 7/8"	6	17 7/8"	
6E59	2	2'-7 7/8"	6	16 7/8"	
6E60	2	2'-7"	6	16"	
6E61	2	2'-6"	6	15"	
6E62	4	2'-4 1/8"	6	13 1/8"	
6E63	4	2'-2 3/8"	6	11 3/8"	
6E64	2	2'-0 5/8"	6	9 5/8"	

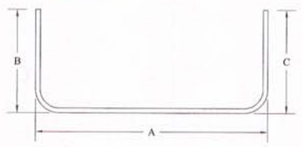


Type 1

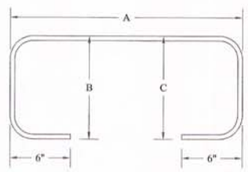
Type 2a



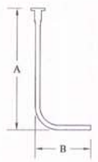
Type 2b



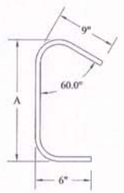
Type 3



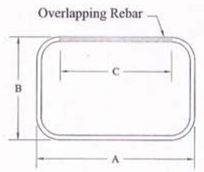
Type 4



Type 5



Type 6



Type 7

Notes:
Rebar Tolerance: +0" -1/4"

SD Ireland PRECAST DIVISION

PROJECT NAME: JAMAICA	
PROJECT NUMBER: ER-BRF 013-1(16)	
PRECAST SUB-CAP PRODUCTION DRAWING SET	
DRAWING: REBAR SHEDULE & LIFTING/HANDLING NOTES	
DRAWN BY: CD	DATE: 01/29/13
APPROVED BY: TD	SHEET: 4 OF 4