REINFORCING STEEL SCHEDULE

MARK	NO.	BAR SIZE	PIN DIA. FT-IN	LENGTH FT-IN		FT-IN	WEIGHT (LBS.)	LOCATION
	SUPERSTRUCTURE - CORROSION RESISTANT REINFORCING, CLASS I							
ES0501	4	5	00-03¾	09-11			42	DECK
ES0502	4	5	00-03¾	09-11			42	DECK
ES0601	152	6	00-04½	07-02			1632	DECK
ET0501	36	5		28-00			1052	DECK
SC0501	252	5		01-09	TO	40-00	5506	DECK
SC0502	156	5		25-04			4122	DECK
SL0401	288	4		25-03			4858	DECK
SW0401	30	4		25-03			507	SIDEWALK
SW0402	50	4		07-07	TO	08-05	268	SIDEWALK
SW0403	2	4		21-00			29	SIDEWALK
SW0404	50	4		08-02	TO	12-03	341	SIDEWALK
SW0405	1	4		16-03			11	SIDEWALK
SW0406	1	4		18-01			13	SIDEWALK
SW0407	1	4		32-06			22	SIDEWALK
SW0408	1	4		40-00			27	SIDEWALK
	TOTAL WEIGHT OF PRECEEDING GROUP OF BARS						18472	

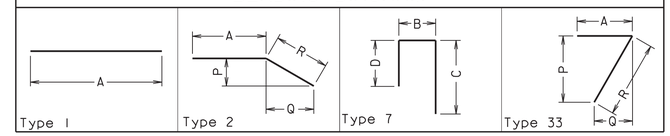
DIMENSION TABLE

TYPE	A FT-IN	B FT-IN	C FT-IN	D FT-IN	E P FT-IN	F Q FT-IN	G R FT-IN	H FT-IN
33	05-00				03-06½	03-06½	05-00	
2	05-00				03-06½	03-06½	05-00	
7		01-10	00-07½	05-00				
1	28-00							
1	VARIES							
1	25-07							
1	25-03							
1	25-03							
1	VARIES							
1	21-00							
1	VARIES							
1	16-03							
1	18-01							
1	32-06							
1	40-00							

DIMENSION VARIATION TABLE

MARK	NO. EA. LEN.	DIMEN-SION	FROM FT-IN	TO FT-IN	VARY BY FT-IN	DIMEN-SION	FROM FT-IN	TO FT-IN	VARY BY FT-IN
SC0501	4	A	01-10¾	40-00	00-07⅜				
SW0402	1	A	07-07	08-05	MFR TO SIZE				
SW0404	1	A	08-02	12-03	MFR TO SIZE				

BENDING DIAGRAM



NOTES:

Dimensions in Bending Diagram are out-to-out of bars.

Weights in schedule are based on density of 490 lb/ft.^{3}

COMMONWEALTH OF VIRGINIA
CHAD M. THOMAS
Lic. No. 036662
03/10/2017
PROFESSIONAL ENGINEER

Date
Revisions

Issue Date: 03/10/17
Drawn By: DKA
Designed By: MLF
Checked By: CMT
Date: 03/10/17

Mattern & Craig
ENGINEERS • SURVEYORS
701 FIRST STREET, S.W.
ROANOKE, VIRGINIA 24016
(540) 345-9342
FAX (540) 345-7691

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by Adrian Gilbert Date 03/15/2018

BERKLEY ROAD OVER GLADE CREEK TRIBUTARY A
REINFORCING STEEL SCHEDULE
SUPERSTRUCTURE
CITY OF ROANOKE, VA

Vertical Scale: N/A
Horizontal Scale: NOT TO SCALE
Commission Number: 34301
Sheet No.: B-16